

Quarter Century Wireless Association

1409 COOPER DRIVE, IRVING, TX 75061-5527

Harold German Pg 41



QCWA NEWS

SUMMER, 1987

VOL. 36, No. 2

QCWA ON THE AIR

W6FQ SUNDAY 2000 Z 14347 kHz

8pm Eastern WEDNESDAY 7035 kHz

Alternate 3535 W2JBL - W9CV



There can be little doubt that the planets were in conjunction on the 9th of April, in Dallas, Texas....

Pictured at the left are two men who have done much for all parts of Communications and, at the same time, have been Amateurs for 65 Years. At left, Gus Howard, W5KM has just surprised Fred M. Link, W2ALU, with a QCWA Golden Award, endorsed for 65 years.

The event took place as part of the activities of those attending the Meeting of Mobile Radio, held at Dallas. The presentation took place at the breakfast held by Radio Club of America Members at the Sheraton Hotel.

Gus, W5KM, is one of the best story tellers in the Southwest, is an Attorney and was Chief of the Dallas Office of the FCC for many years.

Fred, W2ALU, is just about the best known radio-man in the U.S.

To both of them, the very best wishes from all of QCWA.

QUARTER CENTURY WIRELESS ASSOCIATION, INC.

1409 COOPER DR.

IRVING, TEX.

75061-5527

QCWA NEWS

Journal of the Quarter Century Wireless Association

Volume 36, No. 2

Summer, 1987

QUARTER CENTURY WIRELESS ASSOCIATION

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Ethel Smith	K4LMB	Vice-President
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Stewart Meyer, W2GHK

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QCWA HONOR AWARDS

QCWA HALL OF FAME

1980	Mr. Ray Meyers, W6MLZ
1981	Mr. Bill Halligan, W9AC
1982	Mr. Barry Goldwater, K7UGA
1983	Mr. Jean-B. Wolff, LX1JW
1984	Mr. Don Wallace, W6AM
1986	Mr. George Sterling, W1AE

JOHN DiBLASI AWARD

1984	Mr. Hal Sears, W5NC
1986	Mr. Owen Garriott, W5LFL

ROLL OF HONOR

1981	Mr. John DiBlasi, W2FX
1981	Mr. Gus Girona, W2JE
1985	Mr. Bud Waite, W2ZK
1986	Earl Thomas, W2MM
1986	Ralph Barber, W2ZM

MEMBER OF THE YEAR

1979	Mr. Ed Trombley, W8CAM
1981	Mr. Lew Sieck, K4NE
1982	Mr. Herb Glead, W6FQ
1984	Mr. Bert Gunn, W5FU

DISTINGUISHED SERVICE AWARD

1975	Mr. A. L. Walsh, W2BW
1978	Mr. Mark Devaney, K4IDC

PAST PRESIDENTS

Mr. John DiBlasi, W2FX*	1947-1964
Earl R. Thomas, W2MM*	1965-1968
Clarence Seid, W2KW	1969-1971
Barry Goldwater, K7UGA	1972-1973
Frank A. Gunther, W2ALS	1974-1977
Harry S. Gartsman, W6ATC	1978-1981
Stuart Meyer, W2GHK	1982-1985

EXECUTIVE SECRETARY/GENERAL MANAGERS

Mr. Ralph Barber, W2ZM *	1955-1964
Mr. Gus Girona, W2JE	1965-1973
Ms. Ethel Smith, K4LMB	1974-1976

HONORARY MEMBERS

Mr. George Sterling, W1AE	Peaks Island, ME
Mr. Herbert Hoover, Jr, W6ZH*	San Marino, CA
Mr. Paul Godley, x2ZE*	Great Notch, NJ
Mr. Richard E. Wiley	Arlington, NJ
Mr. Rosel H. Hyde	Washington, DC
Col. W. J. Baird	Alexandria, VA
Robert E. Lee	Washington, DC

*Deceased

BOARD OF DIRECTORS APPOINTEES

Onie Woodward, W1ZEN	Activities Manager
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QCWA Officers & Directors

Leland Smith, W5KL, President HCR-31, Box 147, Jasper, AR 72641	501 428 5967
Ethel Smith, K4LMB, Vice President 2012 Rockingham St, McLean, VA 22101	703 536 8469
Jim Walsh, W7LVN, Secretary 159 East 16th St, Eugene, OR 97401	503 344 3321
Wesley Randles, W4COW, Treasurer 6002 North Fremont, Tampa, FL 33604	813 870 0867
Lew McCoy, W1ICP, Director 200 Idaho St, Silver City, NM 88061	505 388 4862
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Fred Hammond, VE3HC, Director 81 College Ave, W, Guelph, ONT N1G1S2	519 822 2960
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Gerhard Jacoby, DL3ME, Director Widdersberger Str 40, D-8138 Andechs, FRG	0 8153 6009
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Larry Evans, W2BBK, Director 79 Glenwood Rd, Englewood, NJ 07631	201 568 1757
Stuart Meyer, W2GHK 2417 Newton St, Vienna, VA 22180	703 281 3806

QCWA MEMBERSHIP DUES SCHEDULE, EFFECTIVE FEBRUARY 15, 1986

Term of Membership	US Members	International Members	Family Members
3 Years	\$25.00	\$10.00	\$10.00
2 Years	\$20.00	-	-
1 Year	\$12.00	-	-
Life	\$125.00	\$50.00	\$50.00
LTP*	\$135.00 (3 @ \$45)	\$60.00 (3 @ \$20)	\$60.00 (3 @ \$20)

*If Life Time Pay programs are not completed in one year all funds received are used to extend regular membership at the 3-year term rate.

New Members are required to pay a one-time \$3.00 charge as initiation fee, in addition to the schedule of dues above!

MEMBERSHIP FEES MUST BE PAYABLE IN U.S. FUNDS ONLY!

THE MAILING ADDRESS FOR QCWA FOR DUES PAYMENTS, AND NORMAL BUSINESS MATTERS IS:

QCWA, Inc
1409 Cooper Dr
Irving, TX 75061-5527
Telephone 214 438 8038

ABSOLUTE DEADLINE FOR MATERIAL FOR SUMMER QCWA NEWS IS MAY 5, 1987. GET MATERIAL IN EARLY!!

QCWA CHARTERS NEW CHAPTERS!

1987 looks like a banner year for QCWA considering Chapter increases. Since the beginning of the year, we've issued charters to four groups. This is almost a record, and in any event it is something to be proud of. Interest in QCWA is high, and getting stronger each year. The newly chartered chapters are:

UTAH CHAPTER No.160, chartered January 21, 1987

MARIN SONOMA CHAPTER No. 161, March 25, 1987

SOUTHEAST WISCONSIN No. 162, May 1, 1987

CROSS ROADS CHAPTER No. 163, May 20, 1987

Utah Chapter activities are centered about Salt Lake City. The Chapter President is William Vaughan, W7CKD. The Secretary is Maryellen Vaughan, KA7ZRW.

Marin Sonoma activities are centered about San Rafael, CA. The Chapter President is Hugh Turner, W6SCV. The Secretary is William G. Humphries, W6ZUB.

Southeast Wisconsin activities are centered about Racine, WI. The Secretary is Robert N. Jensen, W0WLN.

Cross Roads Chapter activities are centered about Alexandria, LA. The Chapter President is William T. Fuller, W5JBK. The Secretary is Bill Hayes, N5HOF.

Congratulations are in order for the ones who have put in the hours necessary to bring about formation of these fine Chapters. There will be much pleasure in store for the Chapter members as activities and associated fellowship become a part of their lives.

QCWA MEMORIAL SCHOLARSHIPS

It will be essentially too late for you to nominate candidates for the QCWA Scholarships for 1987 as we go to press in May and the nominations must be in by July 1. We urge you to keep in mind that the Scholarships are awarded every year. Administered by the Foundation for Amateur Radio, applications may be obtained prior to May 1, of each year from that organization. The mailing address, published in the SPRING, 1987 QCWA NEWS, is:

Foundation for Amateur Radio
6903 Rhode Island Avenue
College Park, MD 20740

The scholarships to be granted in 1987 will be announced in the FALL, 1987 issue of QCWA NEWS. QCWA Scholarships are awarded to amateur operators who must be nominated by a QCWA member.

WE WOULD LIKE TO CALL YOUR ATTENTION TO THE FACT THAT NEW QCWA MEMBERSHIP FORMS HAVE BEEN PREPARED. THESE REFLECT THE HIGHER COST OF PINS, AND DELETION OF THE SYRFACE-MAIL OPTION FOR OUR INTERNATIONAL MEMBERS. THE NEW FORMS ARE A PART OF THIS ISSUE OF QCWA NEWS. THEY SHOULD NOT BE USED UNTIL JULY 1, 1987!

The next issue of QCWA NEWS will be prepared in full, on the computer here in the office. We will not get into graphics, and our type-font range is limited, but we will do the entire preparation in so far as is possible.

FROM THE EDITOR

STATIONARY & ENVELOPES FOR MEMBERS USE

At the last meeting of the QCWA Board of Directors, HQ was authorized to prepare and offer to members, letterheads and envelopes for membership correspondence.

They have been prepared. The letterheads are good quality paper, the QCWA logo, Association name and a small identification "Reply to" are all that are printed....two color. The envelopes have the QCWA logo in the goldish color ink. The logo is so placed as to permit you to use a rubber stamp to imprint your return address, or, the stick-on labels would work fine too.

The price, mailed, is \$5 for a quantity of 25 of each. If you'd like some, send the mazuma to HQ.

OUR PRESIDENT'S MESSAGE

IN OBSERVING AMATEURS WHO INQUIRE AT QCWA BOOTHS AT HAMFESTS AND CONVENTIONS, I NOTE THAT A HIGH PERCENTAGE OF THOSE EXPRESSING INTEREST IN QCWA WERE FIRST LICENSED 24 OR 25 YEARS AGO. MANY ARE EXCITED THAT THEY ARE NOW ELIGIBLE FOR MEMBERSHIP OR WILL BE IN A YEAR OR SO. THIS HAS LED ME TO CONCLUDE THAT PERHAPS OUR GREATEST POTENTIAL FOR GROWTH MAY BE IN THIS AGE GROUP OF AMATEURS. THIS IS NOT TO SAY THAT OLDER HAMS ARE NOT INTERESTED IN QCWA (A 83 YEAR OLD HAM, FIRST LICENSED IN 1924, JOINED QCWA AT DAYTON!), BUT IT DOES SUGGEST WE SHOULD BETTER PUBLICIZE QCWA AT EVERY OPPORTUNITY, ESPECIALLY AT RADIO CLUB MEETINGS, HAMFESTS AND ON THE AIR.

IF YOUR CHAPTER SECRETARY HAS NOT ORDERED A SUPPLY OF OUR NEW QCWA PUBLICITY BROCHURES, WHICH INCLUDE ABBREVIATED QCWA APPLICATION FORMS, SUGGEST THAT HE DO SO WITHOUT DELAY. IF YOU WISH, ORDER A FEW FOR YOUR OWN USE IN HELPING US BRING MORE MEMBERS INTO OUR GREAT ORGANIZATION.

BY THE TIME YOU READ THIS, ALL SHOULD HAVE RECEIVED BALLOTS FOR THE ELECTION OF OFFICERS AND DIRECTORS THIS YEAR. PLEASE MARK THE BALLOTS AND RETURN THEM TO OUR ELECTION TELLERS AS SOON AS POSSIBLE.

CHAPTER HANDBOOK

A new Chapter Handbook, designed to provide information and help to Chapter officials, has been prepared. As soon as possible it will be printed and a copy will be provided to each Chapter Secretary. The book is a compendium of information, answering questions and offering guides to assist you in getting and keeping Chapter interest high. Watch for it.

Occasionally the Editor has requests to publish pictures of QCWA members who are well known, we might say NOTORIOUS, and it in response to such a request that we are entering this picture for pin up in the Posto....oops!, in the shack, we mean. If you know of the whereabouts of any of those shown, please don't tell any-one!



Pictured L-R, around the table, sans cocktails, are: Bob Baird, W9NN; Jim Walsh, W7LVN; Spence Allen, K0REC; Don McClenon, N4IN and John Nauman, W9CN. The one taking the picture preferred to remain anonymous....it was relayed to us by W4GXZ....how did she get mixed up with a crew like that? The stated occasion for the round-table was attendance at the ORLANDO HAMCATION, 03/14/87!

60 YEARS AGO - THE FRC

Sixty years ago saw some real changes in the way all of radio communication was to be regulated. The Broadcast band was in chaos as was most of the other radio services, including amateur radio. On the 23rd day of February, 1927, President Coolidge signed into law a bill which was to authorize formation of the Federal Radio Commission - to be charged with regulating the whole schmeer. The President appointed the following men to serve as the first Commissioners: O. H. Cardwell, editor of Radio Retailing (New York), 5 year term; Rear Admiral William H. Bullard, USN, retired (Pennsylvania), 6 year term; Eugene O. Sykes, former Justice of the Mississippi Supreme Court (Jackson, MS), 4 year term; Henry A. Bellows, Radio WCCO (Minneapolis, MN), 3 year term; J. F. Dillon, Supervisor of Radio at San Francisco, 2 year term.

The radio industry was to test the procedure of having a radio law that contained no technical stipulations, no guarantees to anyone, but would give discretionary power to an administrative authority. Its still early to put a final judgement on this new policy.

- W5ej -

SAN DIEGO AMERICA'S FINEST CITY & HOME OF THE AMERICA'S CUP INVITES YOU TO QCWA NATIONAL CONVENTION FOR 1987 October 30 - November 1

40th Anniversary

CONVENTION REGISTRATION FORM ONLY

Name _____, Call _____

Address _____
No. and Street City State Zip

XYL/YL first name _____, if attending.

OM & XYL/YL - - - - - \$7 for both. Total \$ _____

Individuals - - - - - \$5 each. How Many? _____ Total \$ _____

Saturday Buffet Breakfast - - - \$10 each. How Many? _____ Total \$ _____

Saturday Evening Banquet - - - \$20 each. How Many? _____ Total \$ _____

(Note, Tax and Tip included in meal prices))

Tours:

Reuben Fleet Space Center \$12.00 How Many? _____ Total _____

Old Town Tour \$7.00 How Many? _____ Total _____

(Note: Registration for Tours must be made by September 28, 1987)

Grand Total _____

Cut along dotted line and mail the above registration filled out, to the address given above

PLEASE READ THE NOTE ON THE OPPOSITE PAGE, LOWER RIGHT-HAND CORNER

Cut along dotted line, fill out and mail the room reservation form to the address given below

QCWA CONVENTION 1987

October 30 - November 1

"RESERVATIONS FOR ROOMS ONLY"

Name _____, Call _____

Address _____ Phone () _____

City _____ State _____ Zip _____

Accommodations:

GROSVENOR INN
3145 Sports Arena Blvd
San Diego, CA 92110

All Rooms, Single or Double occupancy, \$57.00 per night! How Many? _____ Total \$ _____

Date/Time of Check-in _____, Date/Time of check-out _____

All room reservations and first night deposit are due prior to September 28, 1987! If you haven't made your reservation by that time you are taking a chance on not being able to get accommodations. Do it today!

Make reservation check or credit card payable to: Grosvenor Inn, mail to address above. Nationwide telephone number is 1-800-232-1212; In California 1-800-222-2929. In San Diego the number is 225 9999!

Be sure to mention QCWA Convention in all of your inquiries!

COMPLIMENTARY AIRPORT SHUTTLE TO AND FROM THE SAN DIEGO AIRPORT AND THE HOTEL. CALL FOR GROSVENOR COURTESY VAN AT THE AIRPORT BAGGAGE CLAIM AREA!

QCWA 1987 CW QSO PARTY LOG ANALYSES

NO.	CALL	CHP	SCORE	QSO	X	NO.	CALL	CHP	SCORE	QSO	X
1.	N4IN	66	40,880	365	112	78.	WQMYG	55	1,600	50	32
2.	K9CLO	AL	26,220	276	95	79.	KD8FR	135	1,504	47	32
3.	W2RRY	156	24,831	267	93	80.	W6JWL	154	1,312	41	32
4.	W5KL	70	22,102	257	86	81.	DK9LG	106	1,296	48	27
5.	W0LR	123	16,640	208	80	82.	WQMYM	79	1,260	42	30
6.	K6FE	7	15,760	197	80	83.	W3EE	20	1,240	40	31
7.	W6FQ	7	15,400	200	77	84.	W7HO	AL	1,240	40	31
8.	AG5C	AL	15,015	195	77	85.	W2SGI	77	1,232	44	28
9.	W5AS	63	14,320	179	80	86.	W2GP	81	1,170	39	30
10.	W6BIP	11	14,134	191	74	87.	W2WSS	AL	1,148	41	28
11.	N8BC	1	13,350	178	75	88.	W4HU	91	1,026	38	27
12.	W5FB	27	12,172	179	68	89.	K4WJ	62	1,015	35	29
13.	W7MR	160	11,776	184	64	90.	DL1SF	106	900	45	20
14.	W4WKQ	84	11,736	163	72	91.	DL9AR	106	860	43	20
15.	W0AWP	79	11,690	167	70	92.	VE3BR	73	800	32	25
16.	K7BZ	16	10,787	161	67	93.	W8GAC	21	700	35	20
17.	K6RH	53	10,721	151	71	94.	W0DBC	8	672	32	21
18.	DL6NB	106	9,724	143	68	95.	KA3GXP	122	608	32	19
19.	W6HVB	130	9,100	130	70	96.	N7AGW	104	510	30	17
20.	W6IL	7	8,909	151	54	97.	OE6KZ	136	504	28	18
21.	W4XD	AL	8,385	129	65	98.	W9YCV	55	500	25	20
22.	K7ET	16	8,174	134	61	99.	W2DX	81	475	25	19
23.	W1HJX	46	7,784	139	56	100.	K2MN	AL	414	23	18
24.	W0CY	79	7,722	117	66	101.	K4AXB	45	380	20	19
25.	W2KTF	81	7,623	121	63	102.	W5LJI	63	378	21	18
26.	W2DW	95	7,620	127	60	103.	W5VTA	64	378	21	18
27.	K0ERM	102	7,467	131	57	104.	W5SRQ	41	374	22	17
28.	W5BED	90	7,440	120	62	105.	DL3ME	106	324	27	12
29.	W5JC	38	7,370	110	67	106.	W1SK	138	320	20	16
30.	W9IB	AL	7,320	120	61	107.	N4UZ	49	300	20	15
31.	W9REC	2	7,076	116	61	108.	W7RIR	16	285	19	15
32.	W9NGB	36	6,666	101	66	109.	W9NN/4	55	273	21	13
33.	W5GJZ	41	6,420	107	60	110.	W90DV	55	272	17	16
34.	W4BIW	49	6,344	104	61	111.	DJ1IK	106	272	17	16
35.	K6SS	130	6,318	117	54	112.	W2DME	138	266	19	14
36.	K6PG	130	6,300	100	63	113.	K2BTA	138	255	17	15
37.	W4NEI	AL	6,201	117	53	114.	W4FXU	118	252	18	14
38.	N9EAY	55	5,891	137	43	115.	W2CJE	138	252	18	14
39.	W1NV	134	5,616	104	54	116.	DJ2ZB	106	252	28	9
40.	W8EAR	21	5,610	102	55	117.	KM7T	108	240	20	12
41.	W9MKL	2	5,586	98	57	118.	W1DLP	32	224	16	14
42.	W3ADE	AL	5,565	105	53	119.	W3UIU	68	221	17	13
43.	VE6VK	151	5,512	104	53	120.	DJ7JK	106	204	34	6
44.	W7ENW	4	5,508	102	54	121.	VE3JT	73	196	14	14
45.	W0IH	8	5,472	96	57	122.	DL6DV	106	192	24	8
46.	N0FFZ	58	5,335	97	55	123.	N8FTT	9	180	15	12
47.	K9WA	AL	5,005	91	55	124.	W1GNU	149	169	13	13
48.	W300J	5	4,905	109	45	125.	W0JTC	103	156	13	12
49.	N5EN	38	4,104	108	38	126.	WN5Q	101	150	15	10
50.	KD1U	131	4,080	85	48	127.	W4TYU	60	143	13	11
51.	W3TFA	23	4,004	91	44	128.	W8DIV/4	131	121	11	11
52.	W9ZEN	59	3,978	78	51	129.	W2IP	AL	108	12	9
53.	W4YE	91	3,948	84	47	130.	W9GTS	AL	100	10	10
54.	W0AP	25	3,876	76	51	131.	DJ2XP	106	100	10	10
55.	W9CAS	55	3,864	92	42	132.	W5EJ	65	72	9	8
56.	W0ANZ	123	3,792	79	48	133.	W5BQE	94	25	5	5
57.	W04D	131	3,726	81	46	134.	DF3OL	106	24	12	2
58.	W8KKM	79	3,696	77	48	135.	W1WY	46	18	6	3
59.	W6IFC	99	3,550	71	50	136.	W5BW	52	16	4	4
60.	DL1NP	106	3,360	80	43	137.	DL3MCF	106	10	5	2
61.	WB4ZTR	137	2,970	66	45	138.	KL7DG	92	4	2	2
62.	W4ZC	91	2,944	64	46						
63.	W4NH	91	2,925	75	39						
64.	W5ATH	41	2,838	66	43						
65.	W5OC	41	2,688	64	42						
66.	W9RF	55	2,613	67	39						
67.	N6GM/KL7	92	2,436	58	42						
68.	W8SS	61	2,400	60	40						
69.	K3TX	AL	2,356	62	38						
70.	W6BYH	99	2,142	51	42						
71.	K9GDF	55	2,052	57	36						
72.	W6INH	130	1,856	64	29						
73.	W0IZV	58	1,836	51	36						
74.	W7GHT	87	1,696	53	32						
75.	W1DV/4	89	1,656	46	36						
76.	W8HU	9	1,645	47	35						
77.	K9JQN	AL	1,632	48	34						

Party Comments (continued)

A plea for operators to slow down when giving their call, do it slowly and clearly (remember there are many different prefixes to confuse!). There are many with hearing problems that make it difficult to get a call when there is QRM (Lots all work on this thought next year). Many complaints about the QRM because of other contests - the Activities Manager will try to correct this next year - at least in part. It is impossible to find an unoccupied week-end!

ACTIVITIES MANAGER SAYS:

W1ZEN would like to thank Jim, W4JM, and John, W4LHP, for checking the CW logs; Charles, W4SVB; and Frank, W4PBL, for checking the Phone logs. Thanks to Chapter 107 for taking on this job.

There were 138 CW logs submitted with 66 Chapters represented and logs from 14 at large members. The PHONE party had 112 logs submitted with 55 Chapters and logs from 4 at large members.

All suggestions and/or comments about the scoring and other items will be discussed with the board member who works with me, and we will try to come up with what we feel are the best rules for next year. Thank you all for taking the time to write.

I am looking for a chapter who would be willing to take on the task of "log checking" for the 1988 Parties. Please drop me a note and I'll be happy to let you know what has to be done. Thank you all who braved the QRM and participated in both or either of the Parties.

CW PARTY WINNERS

Plaque - N4IN
2nd - K9CLO
3rd - W2RRY
4th - W5KL
5th - W0LR

North America - VE6VK

Europe - DL6NB

PHONE PARTY WINNERS

Plaque - W6FQ
2nd - K9CLO
3rd - N4IN
4th - W6IL
5th - KA2IXW

North America - VP2MDB

Europe - DL6NB

LOG TOO LATE TO QUALIFY

AB2N - 725

QSO PARTY COMMENTS

Many complaints were heard about other contests - made for rough operating. Some said they did better than last year and found they were improving their CW. All agreed it was nice to meet old friends.

QCWA 1987 PHONE QSO PARTY LOG ANALYSES

BOARD ACTION

The QCWA Board of Directors considered the matter of conflict with the ARRL contest and decided to reverse the order of the parties in 1988. That is, the PHONE party to be held in February, the CW Party to be held in March. It is expected that this will greatly reduce the effect of having two major events on the same weekend.

QSO PARTIES AND THE CHAPTERS

Two years ago the QCWA Board of Directors took action requiring all QCWA Chapters to file annual Chapter reports with Headquarters. The purpose being to permit QCWA to gather information on the Chapters, and particularly on those with good records of attendance and performance. With such information the Board would be in the position of providing assistance to chapters having difficulty and so on. Well, it so happened that one of the side-effects of this program was to change the QSO PARTY action a bit. For the year 1988 QSO PARTY, the regular practice of using Chapters one contacts as multipliers when figuring a score may undergo some change. It has been decided that any QCWA CHAPTER that does not file a Chapter report covering the year 1986 by the deadline for the printing of the WINTER QCWA NEWS may not be used as a multiplier in the Party.

The 1986 Chapter report forms were first mailed in November, 1986, and were due to be filed with HQ by January 31, 1987. Most filed but there are still a very few who have not done so. If they do not complete the form and return it by approximately December 5, 1987, then they are eliminated from any scoring system involving the Chapters and.....the Chapter is also considered inactive and removed from the QCWA roll of active chapters. A list of Chapters which may be used in the 1988 QSO Parties will be published in the Winter issue of QCWA NEWS.

Check with your Secretary, make sure that your Chapter has complied with the requirements and if not, then suggest that they do so as quickly as possible. Forms are available from HQ if needed.

- W5EJ -

NO.	CALL	CHP	SCORE	QSO	X	NO.	CALL	CHP	SCORE	QSO	X
1.	W6FQ	7	57,344	448	127	57.	W2CVF	77	360	20	18
2.	K9CLO	AL	21,203	233	91	58.	W3EYN	31	345	23	15
3.	N4IN	66	19,950	210	95	59.	W0TAT	8	304	19	16
4.	W6IL	7	17,845	215	83	60.	W3HKP	31	294	21	14
5.	KA2IXW	46	16,984	193	88	61.	W9CRN	2	280	20	14
6.	W4HVU	126	15,795	195	81	62.	W1SK	138	270	18	15
7.	W6RBB	7	15,687	189	83	63.	W5VTA	64	264	24	11
8.	W2GHV	77	14,532	173	84	64.	W5NCB	AL	256	16	16
9.	K0RH	53	9,246	134	69	65.	N0EFZ	58	240	20	12
10.	K6SS	130	8,520	142	60	66.	W6JWL	154	221	17	13
11.	VP2MDB	138	7,192	116	62	67.	K4FCW	128	220	20	11
12.	W9IH	2	6,600	120	55	68.	W3FZT	137	210	15	14
13.	W8AVH	1	5,928	114	52	69.	W1ZEN	112	210	15	14
14.	W5KL	90	5,076	108	47	70.	W3FAS	31	209	19	11
15.	W4COW	148	4,982	96	52	71.	W4LVP	60	195	15	13
16.	AE1H	149	4,750	95	50	72.	W3IUT	137	192	16	12
17.	4U1UN	46	3,984	83	48	73.	W3QPP	122	192	16	12
18.	W3WPY	150	3,969	81	49	74.	W4TWW	89	192	16	12
19.	W0HWF	25	3,916	89	44	75.	N6GM/KL7	92	192	16	12
20.	N9QX	36	3,680	80	46	76.	K8OI	142	192	16	12
21.	W1PB	107	3,318	79	42	77.	W0IZV	58	182	14	13
22.	W6MOF	61	2,856	68	42	78.	K7IKP	4	154	14	11
23.	W9LOB	2	2,736	72	38	79.	W7CKD	160	154	14	11
24.	W8SS	61	2,691	69	39	80.	W0ODD	AL	143	13	11
25.	W300J	5	1,829	59	31	81.	W9NN/4	55	135	15	9
26.	KL7AVX	92	1,785	59	31	82.	W4JGJ	131	130	13	10
27.	W9NGB	36	1,764	49	36	83.	K4VN	49	128	16	8
28.	W7LVN	108	1,750	50	35	84.	W5OP	27	117	13	9
29.	W9REC	2	1,710	57	30	85.	K6ICZ	127	110	11	10
30.	W9IB	AL	1,683	51	33	86.	VE6EO	151	100	10	10
31.	W9WYN	2	1,560	52	30	87.	WB2JCE	138	99	11	9
32.	W4GXZ	121	1,530	45	34	88.	W2QI	65	81	9	9
33.	W0IH	8	1,518	46	33	89.	KF1B	149	80	10	8
34.	K6DG	130	1,300	50	26	90.	W2DX	81	80	10	8
35.	W5LJI	63	1,222	47	26	91.	W5NC	27	80	10	8
36.	W8DIV	131	1,200	48	25	92.	W6BYH	99	80	10	8
37.	W7ENW	4	1,102	38	29	93.	W5GJZ	41	70	10	7
38.	W5OC	41	1,053	39	27	94.	W5JAU	90	70	10	7
39.	N8FTT	9	1,026	38	27	95.	W5BW	52	64	8	8
40.	W8HU	9	1,025	41	25	96.	K2FD	138	63	9	7
41.	W9NVK	55	864	30	24	97.	W5JC	38	63	9	7
42.	W5SRQ	41	816	34	24	98.	W9MKL	2	56	8	7
43.	W2SGI	77	792	36	22	99.	DL1SF	106	54	18	3
44.	W2PGI	77	792	33	24	100.	W1HJX	146	49	7	7
45.	W7AHK	AL	756	36	21	101.	DL3ME	106	48	12	4
46.	W4YE	91	720	30	24	102.	W1WY	46	36	6	6
47.	KD1U	131	651	31	21	103.	K4JO	126	36	6	6
48.	W3ILG	68	567	27	21	104.	W0GW	58	35	7	5
49.	W7RIR	16	494	26	19	105.	DL6DV	106	28	14	2
50.	W9WWD	55	456	24	19	106.	W2SNJ	77	16	4	4
51.	W5ATM	41	442	26	17	107.	W6BUK	130	12	4	3
52.	W0PEX	123	414	23	18	108.	W9RPP	2	10	5	2
53.	W5AS	63	375	25	15	109.	W4SVB	107	9	3	3
54.	K5HTR	64	364	26	14	110.	W9ODV	55	9	3	3
55.	DL6NB	106	363	33	11	111.	K5TLU	64	8	4	2
56.	W2DME	138	360	20	18	112.	W5BED	90	6	3	2

QSO PARTY PROCESSING CENTER



QCWA 75th ANNIVERSARY AWARD TO W1AE

REPORT ON ACTIVITIES BY YANKEE CHAPTER 112, MARCH 27, 1987, PORTLAND, MAINE

On March 27, 1987 - 33 licensed and 18 unlicensed friends of George Sterling, W1AE, gathered at Boone's restaurant in Portland, Maine, to honor him for having a licensed Amateur Radio Station 75 years ago. He took the exam in 1912 and received the call 1AE. He had been playing with wireless since 1908.

Harold Chase, W1EES, President of Yankee Chapter QCWA, was Master of Ceremonies. He first introduced the Head Table, W1AE, George Sterling and his XYL, Margaret; Leland Smith, W5KL, QCWA President and his wife, Helen, W5WAR; Onie Woodward, W1ZEN, QCWA Activities Manager and her OM, W1RCJ; Carl Watson, W1NV, President of Pine Tree Chapter QCWA and, Gladys Chase, W1VPF, Activities Manager Nutmeg Chapter. Harold then asked each one attending to identify themselves. All congratulated George and some had short "tales" to tell.

Harold introduced the President of QCWA, Leland Smith, W5KL, who gave a very interesting talk about George's background. George was a Radio Inspector in the 3rd District, then became war-time head of

the Radio Intelligence Division, on to being an FCC Engineer and from that post he was appointed FCC Commissioner, the only Amateur Radio Operator to hold this position, even to this day. Leland, then presented George with the first 75-Year Licensed plaque ever issued by QCWA.

Carl Watson, W1NV, President of the Pine Tree Chapter QCWA, was introduced. He read a letter from the Radio Amateur Old-Timers Association President, Dud Charman, G6CJ, congratulating George and wishing him well. A series of the Old Timers News was pre-sented to George, as well as Dud's letter.

Several brought their copies of the "Sterling Radio Manual", first printed in 1927, it had three more editions, the 4th being printed in the late 40s. They asked George to autograph the book, which he did in his usual gracious manner.

Among the guests was one of their grandsons and his wife, and this made for a very happy time for the family.

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In the picture above, L-R, are: QCWA President, Leland Smith, W5KL; George Sterling, W1AE, and Lady Margaret Sterling, receiving the Awards which honored the contributions of the two of them to the art of communications.

GEORGE STERLING, W1AE

Born June 21, 1893 - 93 years of age.

George still spends his summer at the family home on Peak's Island, off the coast of Maine. When George was six years old, his family moved to Springvale, Maine. In 1908 he established his first transmitting and receiving station, using his initials as his call "GS". When the first law regulating amateurs was adopted on August 12, 1912, he was requested by 1st District RI in charge, Henry Gawley, at the Custom House in Portland, to come in for examination. He did, passed the examination and was licensed as 1AE. He held this call until the introduction of prefixes, when he became W1AE. He still holds this call and is still on the air once in a while.

In 1908, at age 14, George took up wireless along with a couple of young friends. Everything had to be home-made, spark coils, tuners, condensers and the like. Crystal detectors were found in the woods -- iron pyrites. Aerial wire was "borrowed" from an abandoned telephone line in the woods. Only headphones had to be purchased.

After WW-I, when he returned from France, he was licensed as 1BH, but he never used it much, as he went to sea as a wireless operator on passenger ships out of New York City.

While he was Radio Inspector in the 3rd District, in 1923, he was licensed W3DF, and in 1954, when he retired, he got his original call back. George is listed in the 1912 issue of the United States Department of Commerce publication, "First Licensed Amateurs", as 1AE, 28 Payne St., Springvale, Maine.

George was wartime head of RID, the Radio Intelligence Division. He is a former FCC Engineer and from that post was appointed FCC Commissioner, the only Amateur Radio Operator ever to hold this position. George is also a Fellow of the Institute of Radio Engineers.

The famous "Sterling's Radio Manual", was written in 1927. Everything included in this book had been personally checked by George, most of it in his home ham station. Many thousands of copies of this book are still in the hands of the industry.

Just this past year, the Quarter Century Wireless Association honored George with their "QCWA HALL OF FAME" award.



QCWA BOARD OF DIRECTORS MEETING

SPRING, 1987

ABBREVIATED MINUTES

Quarter Century Wireless Assn., Inc.
April 3, 4 1987
Irving, Texas

1. Cap sales have been reported to be very good at \$5.00 per cap. Net income will go to the Building Fund.
2. Membership correspondence, 25 envelopes and 25 letterhead sheets are prepared for \$5.00 per packet.
3. Membership pins will now be available in 5 year increments from 25 years upwards.
4. Convention Kit is developed for Hamfests and is non-returnable. Available on request. Make your request early.
5. Two new Chapters and one re-activated Chapter reported:
Utah Chapter #160 Jan 21, 1987
Marin Sonoma Chapter #161 Mar 25, 1987
Gunderson-Penn-Jersey Chapter #33 Feb 1987
6. The request of Metro New York Chapter, #46, to change their name to Founders Chapter with no number was denied.
7. Under Activity, the weekends for Phone and CW will be reversed for next year. Any station in the US will be counted as a US station.
8. A revised and up-to-date Chapter Manual will be mailed shortly to all Chapters.
9. The Convention application by Vic Clark Chapter for 1988 was approved.
10. New flyers for hand-outs at conventions and hamfests were distributed and will be printed as needed.
11. Final wording approved for By-laws as regards Family membership implementation:

Article I, section 2,c,1 to read:
Family membership may be granted...in accordance with Article II. The full dues paying member whose relationship establishes eligibility for Family Membership shall be referred to hereinafter as a "Primary Member".

Article I, section 2,c,2 to read:
Family Members shall hold full rights.....receiving publications throughout the duration of the Primary Member's membership.

Upon the death of the Primary Member, regular publications may be passed on as "survivors benefits" to one Family Member for the duration of the membership period. Regular publications of a deceased Primary Life

Member may be passed to one Family Member for the duration of that member's life.

Article I, section 2,d,1 to read:
Life membership shall be granted ...for life. Regular publications of Primary Life Members may be passed on as "survivors benefits" to one Family member for the duration of that member's life.

Article II, section 1 thru 3. Delete and rewrite as follows:

By-laws, Section 1: The Board of Directors will establish dues for the various membership options and the current dues will be published in the QCWA News.

Section 2 and 3 will be deleted and the remaining sections will be properly renumbered.

12. The Leo Meyerson Family Living Scholarship was created thanks to a gift from Leo Meyerson.
13. All scholarship funds will be consolidated and equal amounts will be granted with two of the scholarships being named. One to be the Cresap Scholarship and the other to be the Leo Meyerson Family Living Scholarship.
14. Moved that the Hall of Fame Award be granted posthumously to Vic Clark.
Moved that A National Certificate of Appreciation be granted to Vi Grossman.
15. A campaign directed towards the membership to elicit responses for the 220 Mhz filing was initiated.
16. Redistricting was discussed with a number of letters being read. There appears to be no real solution, nor no real reason for any redistricting. All our officers and directors attend hamfests and try to be of assistance to any member who requests help of some nature. We have only fellowship to sell.
17. Tape program for the Blind is installed and the sight impaired members should have their QCWA News tapes about the same time as the sighted members receive their publication.
18. A Silent Key publication and an "Apha" by name publication will be produced at \$2.00 per copy of each on a demand basis.
19. New Committee assignments were distributed.
20. Approved publication of 1000 copies of the 40th Anniversary Yearbook providing sufficient commercial contributions are received to cover the production costs.

Jim Walsh, W7LVN
National Secretary

QCWA Silent Key Members

W1DMC - John R. Tavares	W5LKQ - Paul T. Parker	W8QPH - George Toma
W1NSZ - K. A. Young	W5NDP - Douglas R. Holder	W8TIC - Thomas C. Jensen
K2CD - Norman C. Bauman	W5NIU - Wendle Earl Campbell	W8TXV - Arthur Farrand
W2KHO - Mancor H. Gleason	K5YPG - Fred W. Davis	W8VUI - Fred J. Looft
K2VAC - Ronald J. Ackerman	W6NJC - Henry A. Geisendorfer, Jr	K8YDN - Frank Joseph Olimski
W3AEC* - Thomas F. Kelly	K6PG - Philip K. Beisel	W9ADF - E. R. Taylor
W3AWH* - John J. Tinaglia	WB5TRP* - Donald S. Tarditi	N9AI - Lee N. Hamm
K3BB* - William T. Burton, Jr	W6UA - Charles E. Weir, Sr	W9LZ - Harold C. McGee
W3EM* - Bradley C. Algeo, Jr	W6WZF - Clyde J. Haggbloom	W0AKF - Hilmar J. Schmidt
W3EXY* - Harold Dillon	W7APK - Ralph M. Hinshaw	KE0FY - Lloyd E. Hickman
W3IMN - Harold L. German	W7CA* - William J. Lozott	W0HI* - Richard M. Cobb
W3TBG - Robert J. Tull	K7CTP - L. W. Van Dyke	WA0KHK* - Emery Harbert
W3TOV - Francis W. Douglass	W7GYX* - Miles L. Shepherd	W0LFF* - Max R. Otto
W3YAF* - Thomas V. Winn	W7JSZ - Byron O. Ballou	W0NAM - Marguerite L. Cardwell
W4FIZ - Harold DeVaughn	KE7LL - Michael E. Moon	
W4OQ - William L. Lawson	W7MGF* - Alfred B. Summers	
W4OSS - Charles W. Golden	W7RLL - Carl B. Snyder	
W5ANZ - Charles W. Newton	W7YP - Charles P. Evans	
W5AXS - Shirley S. Arrighi	W8AN* - C. G. Stuart	
K5HMI - John C. McGinty	K8AOG - Donald Sellers	
W5JFT - O. A. Cook	W8AIN - Gordon J. Conley	
W5JNO - Edward Preston	W8MC - Tom R. Cornett	
	W8MFX - Harry C. Blackburn	
	K8NSM - Hugh W. Williams	

The Call of Romeo Bilodeau, K6PG was listed as W6PG in the Spring, 1987 issue of QCWA NEWS. The Editor extends an apology for the error.

*Life Member

CUTTIN' A LITTLE SLACK!

APATHY? BALONEY!

A letter in response to W5AE letter, QCWA NEWS, spring issue:

"Apathy? Baloney!

The W5AE letter citing apathy as the reason for amateur radio's dying is somewhere between rot and utter rot. It reminds me of the whining editorials in club newsletters complaining because no one sends in news.

AE peeves because only 30% of the hams belong to the ARRL - putting the onus on the 70% who don't. The onus should be on the League for not making it fun enough or worth while enough for 70% of the hams to bother to join. Club newsletters will get news when they make it fun and worth while for members to write news. People work when they perceive it to be to their personal benefit. Is this a new concept?

The bitches, who never seem to come up with any creative positive solutions to problems, whine because so few people do what they think is right. If anyone seriously wants more hams to join the League then they should get the League to be perceived as worth joining. Obviously it isn't. The fact is the benefits are few compared to the price it costs. Without some major changes in the League, if I were in charge of getting new members, I know I'd have a mighty tough time. Almost impossible. But the one approach I sure wouldn't use is to try and shame people into joining. You might get a few, but you'd regret having the type of person you attracted.

Of course, if you're a Morse Code fanatic, money bet on the League would be a good investment toward maintaining that extremely effective block to our getting newcomers into the hobby.

We have the potential technology to get around 700 times more ham QSOs on our voice bands than we have now - with far less QRM, but we still see thousands of old-time hams fighting to keep newcomers out.

The concept of apathy puts the blame on the hams who aren't doing much instead of on those who should be motivating them - and are failing. The responsibility is on the motivators, not those they've helped put to sleep.

Sideband brought new energy to the hobby in the 60s. FM and repeaters did it in the 70s. Will anyone wake us up in the 80s with something new?"

/s/ Wayne Green, W2NSD/1

Editors note: Wayne is a QCWA Member, joining February 1, 1972. The opinions expressed are his own and do not reflect those of QCWA, its Officers, Directors or General Manager. Comments in reply to Wayne's will be considered for publication in QCWA NEWS.

MORE ON WLW

To the Editor:

Your article on Broadcasting under THIS AND THAT in the Spring issue of QCWA NEWS was anything but boring to me! I found it to be exceedingly interesting.

Powell Crosley, Jr. and my father, Charles Marston Lee, were high school classmates in College Hill, in Cincinnati, Ohio. My father knew Powell personally, his brother (whose name was William, I believe), Chick Kilgore, who became Powell's radio engineer, and Sue Aikens, whom Powell later married.

In 1928, as an eighth grade student, I built a one-tube regenerative receiver (a UX 199). That experience initiated a life-long interest in radio and an amateur license in 1932.

In 1929, while on summer vacation, my father and I visited the Crosley radio plant in Cincinnati. Powell Crosley was not at the plant but we did meet his brother. I have followed WLW for years

More on WLW (continued)

and was really impressed with their years of experimental operation with a power of 500,000 watts. When that experimental license was not renewed, it was alleged that political controversy caused the denial. Reputedly, a WLW commentator was in strong disfavor with the Roosevelt Administration.

John Lee, W9MWR

Editors note: I recall a story, unproven, that WLW brought the end to the 500 kW operation to an end themselves....it was reported that WLW, at that time being heard in 35 or 40 states with an excellent signal, inadvisably began to announce on the air something like...."Why purchase advertising time on the networks, or your local station....buy WLW, the ONE-STATION network". After a bit of that, political pressure did end the program. I do not vouch for the story, just that it was current at the time.

THANKS, BOB!

This note to congratulate you on your "Mumbo Jumbo". A very thoughtful appraisal of the situation.

I agree. the Ham fraternity must change in order to generate the enthusiasm and advancement in the Ham bands. I am still an old man, but see no reason for the young to acquire this ancient skill (CW).

With best wishes to all in QCWA.

Bob Gleason, W3KW

MADE A BLOODY MESS OF IT!

This is the story of a bumbling old duffer - who ought to know better, but seems to maintain a good hold on the ability to get his foot in his mouth. I'm speaking of the Editor of the NEWS. The problem is chronic but, at times it flairs into an eruption. Such was the case in the Winter and Spring issues of QCWA NEWS. First, we completely omitted a story on the QCWA National Convention at St Petersburg, which should have appeared in the Winter News....that alone is enough for at least a years efforts but, it was worse simply because of the efforts of Pelican and Gator Chapters who brought us a truly outstanding meeting.

If that weren't enough, in an effort to put together a story for publication in the Spring News, we swapped around, apparently at random, & picked a Co-Chairman for Phil Stern, WA4ZVO, who was not only the wrong man, but who, so far as I know, wasn't even at the meeting. Eli Nannis, K4JMH, who, with Phil, WA4ZVO, were Co-Chairmen, was left completely out of the story. ooooh boy! It still smarts to think of that fiasco.

One silver lining did come through - both Eli and Phil accepted my apology and offered some good advice to help us from doing the same (or worse) in the future. To both, Eli and Phil, your work at St Petersburg was appreciated, your kindness to the Editor is appreciated. God Bless you both!

Ted Heithecker, W5EJ

Editors Note:

CUTTIN' A LITTLE SLACK is a column providing a place to let off steam for those who are (1) about to have a fit (2) want to get something off their chest (3) mad as hell and not going to take it anymore (4) just looking for trouble. If you're any of these, you're in the right spot. Send us your harangue. If it's not libelous, profane, or basically tasteless, we'll probably print it. Send to the Editor, QCWA NEWS, 1409 Cooper Drive, Irving, TX 75061. Authors will be identified

THE PRESENT TOUCHING ON THE PAST

W2FX - K9FJ

It isn't often that an editor has the pleasure of publishing a truly wonderful story....a story that brings happiness to all. This is such a story, touching as it does, the very beginnings of QCWA.....WSEJ.



Earlier this spring we received a letter from a prospective member of QCWA, one whose early childhood insured that given time, he would become a QCWA member as surely as the sun rises in the east. Read on that you might enjoy the same delight that was ours. "Uncle John gave me my novice exam, and he would have been pleased to see me join QCWA. It has been an ambition of mine for some time. I believe that my earliest remembrance of an interest in Ham Radio came from a visit to his home when I was perhaps 8 years old. After seeing all the glowing lights and dials, it was just a matter of time! When I was about 10 I took a ham-radio course through our local recreation department, but it was over my head then. Then, in junior high a radio club was started and I learned the code and took the Novice examination.

I intend to be fairly active and so hope to see you at a future convention. In the meantime, perhaps I will meet you on one of the QCWA nets. I have just returned from a 7-year assignment in England and am just getting a rig set up now. Until then, thank you for your assistance, and all the best...."

The letter written by John Facella, K9FJ. The Uncle John referred to was John DiBlasi, W2FX, one of our Founding Fathers and First President of QCWA. John, K9FJ, was kind enough to provide a few details of his life. "My early interest in amateur radio was sparked at about the age of eight after a visit to my great Uncle John DiBlasi, W2FX, and also by my other great Uncle Sal Barone, who founded Northern Radio Corporation, a manufacturer of RTTY modems in the 50s and 60s. I received my Novice license, WN2AXG, at the age of 14, in May, 1962.

Electronics later became a career. After earning a BSEE from Georgia Tech, I served in the U.S. Army Signal Corps. Since then I have worked for Motorola Communications, and am presently a marketing Manager in their International Division. I have lived and worked overseas and held calls: DA1JF, G6CYM and G0CYM. In my spare time, I am also a volunteer fireman and Emergency Medical Technician in Cary, Illinois."

QSLs, REMEMBER?

by: Frederick V. Sprick, W2LPV

To begin with, I believe that credit be given where credit is due. I also believe that a pat on the back should be given while a person is still around to appreciate it. A case in point: while visiting a niece in Pageland, SC some years ago I had the good fortune to meet an old Brooklyn Dodger legend from the 30's and 40's, named Van Lingle Mungo. His face glowed when he found out that someone remembered him. As I concluded my visit, he asked me to say hello to his friends back in the big city. I promised to do so and upon returning home, sent letters to all of the metropolitan papers. One sportswriter, whose initials are J.P., put two lines in one of his columns. All the others ignored my requests. Less than six months later, a fatal heart attack felled Van Lingle Mungo. Ironically the newspapers devoted all kinds of space to him, citing his records and activities. Unfortunately, he was no longer around to enjoy the accolades.

So, what has this got to do with amateur radio, you ask? There is a man still with us, who has never sent a word of CW or spoken on SSB, yet the name of C. Fritz is known to over three generations of amateurs because of his QSLs!

QSLs, Remember (continued)

In 1939 this fledgling amateur was very much impressed with a card from W3GWQ, with the rainbow colored lightning on it. Saving the necessary stipend from a mail boy's salary at U.S. Rubber in Passaic, took some time, but finally getting those cards from Fritz was worth the wait. During WW-II they went half-way around the world with me in the U.S. Navy. A fresh supply in 1948, carried me through the post-war years. Between 1957 and 1978, as the family grew up, amateur radio took a back seat. As I was forced to devote all of my time to more lucrative pursuits. The last offspring finished college in 1978 and W2LPV was back on the air. I needed QSL cards and so dashed off a letter to C. Fritz in Joliet, IL. It came back unanswered...my source was gone. The card was sent to several QSL suppliers but the answer was always the same, none could duplicate the design. Then, one cold winters evening in the early 1980's, I was about to complete my cover to cover perusal of QST when I came across a simple two-line advertisement which read: "Fritz is back." That very night a letter was in the mail to Scottsdale, AZ. Yes indeed, Fritz was really back.

Like many of our ancestors, the Fritz family emigrated from Europe in the late 1800's to escape the wars and unrest of that period. Settling in the midwest, the family prospered and it was in the mid-1930's that the first QSLs bearing the Fritz name appeared in amateur circles, a name that was almost certain to guarantee a reply from the receiving ham. Many a rare DX QSL featured the DX logo....who can forget AC4YN and AC3SQ of pre-war fame? In 1960 the family moved to Arizona with its more temperate climate. Periodic trips would be made back to the midwest for family reunions the last, in 1983, was for a wedding. One son is located in nearby Phoenix...another in Texas. The summer of 1986 saw the Fritz family fly to the Lone Star State to see and admire a new great grand-daughter.

When that advertisement appeared in QST, C. Fritz states that he was overwhelmed by the response from old friends: some thought he had long been a silent key, other said they heard that he had gone to Mexico. Tom Kneitel, K2AES, a name known to radio experimenters, was so surprised that he wrote an article about the "resurrection!" Today, at the age of 81, C. Fritz admits that he is content in taking care of his old customers. I feel honored to be in that category.

RECOLLECTIONS OF AN EARLY QCWA MEMBER

George J. Cook, K2AY, RD 2, Box 168, Peekskill, NY 10566

We received a nice letter from George Cook, K2AY, written with respect to the Spring QCWA NEWS page 11, about the early membership card shown for W2JE. George was delighted and went us one better, but, let him say it: "My QCWA number is 107 and enclosed is a card signed by Leon Huesler. I have several cards signed by Ralph Barber. Now, at 83, my mind is a bit hazy but I do remember Ralph. Was first licensed in 1924 as 2HL. In 1925 I jointly engineered Radio Station WFBH with Bill Reumann, W2RB. In 1926, I opened my own radio station, WSOM, which later became WEVD and is still on the air. Two weeks after I went on the air, my friend Bill decided to broadcast and built WWRL and later WRFM. He kept his station whereas I sold mine in 1927 and operated it for a year and then got married. My spouse passed on in 1981. We had 53 years of wonderful companionship.

When I went on the air with WJBV (later WEVD) in 1926, I had a power of 500 watts. This was originally a ham station of the same power all I had to do to go broadcasting was to add a good mike. I started playing records and have an idea I was one of the first disc jockeys in the area. It sure was fun. Had I kept the station this letter might be on high-class paper with GOLD embossed heading! However, I still have a nice Ham Shack and enjoy being on the air.

I retired from the Navy Dept 21 years ago as an Electronics Engineer. My hobbies are so numerous it isn't funny. I believe my friends think I'm nuts. During the 40's and 50's I did professional MAGIC and still perform. Enclosed is my first QSL card and one of my early QCWA membership cards."

COMMITTEES APPOINTED TO CARRY OUT QCWA OBJECTIVES - 1987

NATIONAL QCWA STANDING COMMITTEES

April 3, 1987

<u>COMMITTEE</u>	<u>CHAIR-PERSON</u>	<u>ASSISTANTS</u>
Chapter Activities	Wade Holland, W4AZT	Wes Randles, W4COW Esther Given, W6BDE
ARRL Liason	Leland Smith, W5KL	Larry Evans, W2BBK
Auditing & Finance	Jim Walsh, W7LVN	Leland Smith, W5KL Wes Randles, W4COW
QCWA Recognition Awards	Hugh Winter, W5HD	Wes Randles, W4COW
Convention Coordination	Wes Randles, W4COW	Esther Given, W6BDE
FCC Liason	Stuart Meyer, W2GHK	John Kelleher, W4ZC
Directors Handbook	Ethel Smith, K4LMB	
Constitution & By-Laws	Ethel Smith, K4LMB	Leland Smith, W5KL Hugh Winter, W5HD
International Activities	Gerhard Jacoby, DL3ME	
Long Range Planning	Ethel Smith, K4LMB	Hugh Winter, W5HD, Art Kay, W5APX Larry Evans, W2BBK
Membership	Wade Holland, W4AZT	Jim Walsh, W7LVN Ted Heithecker, W5EJ
Nominations 1988	Al Smith, W0PEX	Walt Brink, W3WPY, Geo. Clark, W2JBL, Jim Cundry, W4JM
Publicity	Esther Given, W6BDE	Lew McCoy, W1ICP
Scholarship	Leo Meyerson, W0GFQ	Lew McCoy, W1ICP
Operating Activities & Awards	Onie Woodward, W1ZEN	Wes Randles, W4COW
Headquarters	Leland Smith, W5KL	Ethel Smith, K4LMB, Jim Walsh, W7LVN, Wes Randles, W4COW
QCWA SSB Net	Herb Gleed, Jr., W6FQ	
QCWA CW Net	Geo. Clark, W2JBL, Bill Wright W9CV.	

The QCWA Officers and Board members met in Irving, Texas, April 3 and 4, 1987. A great deal of work was undertaken and many items were acted upon. On Page 40 of this issue of QCWA NEWS, you will find a brief account of the actions of the Board. If you want or need added information it may be obtained by writing to QCWA Headquarters, 1409 Cooper Dr., Irving, TX 75061-5527.

On Saturday, following the Boards almost continuous in-session activities, Dallas Chapter 41, of QCWA hosted a meeting at Wyatt's Cafeteria. It was a full house, nearly 100 were in attendance, taking part in the fellowship and having the opportunity to visit with the QCWA National Officers. Dallas Chapter had invited members of surrounding Chapters to come in for the festivities and many did-from Oklahoma City, etc. It was a fine meeting. National QCWA thanks those who worked to bring everyone together and to provide such a fine meeting.



The Picture, at left, provided to us by Frank Lester, W5ATM. was taken at the Dallas Chapter meeting. L-R are the following QCWA Officials:

Stuart Meyer, W2GHK; Fred Hammond, VE3HC; Hugh Winter, W5HD; Wes Randles, W4COW; Arthur Kay, W5APX; Leland Smith, W5KL; Jim Walsh, W7LVN; Jack Kelleher, W4ZC; Lew McCoy, W1ICP. Others present, but visiting with those in attendance, were Esther Given, W6BDE, Wade Holland, W4AZT.

QCWA/LIPSON COMPUTER TIPS

SPIKES, DROOPS AND SURGES

Our hobby has been completely taken over by solid state technology. I'm sure every one of you has succumbed and owns at least one piece of equipment that is 100% solid state. This is especially true for us computerists.

Compared to tubes, solid state is a delicate weakling. An overloaded macho tube will get red hot, perhaps burn a hole in its plate, but will still bounce back and produce some output when the overload is removed.

Not so with solid state. Some extra voltage at the input, or a momentary high voltage pulse, and the chip gasps and dies. Everything stops! You're through for the day — or month! Repairs can be complex and expensive.

With computers we have an additional problem. Our friend RAM, the temporary storage chip with its fragile memory, holds information only as long as it has power applied. A momentary power outage, or even a sharp drop in line voltage, and poof! there goes your program.

GET 'EM BEFORE THEY GET YOU!

Although there is some spike protection built into the power supplies of many computers, some of the economy and clone models are wide open. Anything coming along the power line is passed on through to the chips — with disastrous results.

Fortunately, there is protection available. The simplest is a small plug-in unit that fits between the computer plug and the wall receptacle. It will protect the computer itself from spikes and very high voltage surges, but not the peripheral devices. "Peripheral device" is a fancy name for the monitor, disk drive, printer, modem, or anything else that is connected to the computer and also needs power from the wall receptacle.

The temptation is to take the easy way out and buy a six outlet plug-in cord at the corner hardware store and provide an octopus (hexapus?) outlet. Although this takes care of the multitude of plugs, it offers little protection between units. It's possible to turn on a printer, for instance, and send spikes to the computer or disk drive.

Each of your peripheral devices should be protected individually. For a few dollars more, a six outlet plug-in strip with individual filters will give much better protection. These usually have across-the-line surge and spike protectors, and series RFI filters. Most have a circuit breaker and a master switch.

BUT WHAT ABOUT LOW LINE VOLTAGE?

Perhaps you live in an area where your 115 volt line takes a nosedive every time someone turns on an appliance in the house, or the accumulated load of the neighborhood air conditioners drags down the line voltage. The surge protector won't help this condition.

The solution here is a line voltage regulator. We used to call it a SOLA regulator because the SOLA Corporation was the primary manufacturer. Now it's called a "brownout protector" but it does the same thing. It keeps the line voltage constant at the equipment even if line voltage droops to 95 volts or shoots up to 140 volts.

However, it's a little bit slow. Some of them have a 3 to 5 cycle response. A fast spike or surge could still get through. Because of this some of the better brownout protector units combine the regulator and filters.

WHAT IF THE POWER FAILS COMPLETELY?

If you live in an area where the power just goes off for a few seconds every now and then, you have another problem. Anything in the memory and not saved to disk or tape will be lost. When the power returns, it often overshoots, or oscillates for a few cycles between half voltage and double voltage.

If this is your situation, to protect your sanity you need an emergency back-up unit. This package contains a

battery, dc-to-ac converter, a charger and some control circuitry. It takes over immediately when the power begins to drop out and keeps your computer going for several hours until the power is restored. Now you're into money — from \$300 to \$1000.

YES, YOU CAN BUILD IT YOURSELF

I have seen numerous how-to articles in our favorite magazines showing how to construct spike protectors and filters. They're built around a suitable varistor and a choke/capacitor network. If any of you have built such a device, let me know. I'd be happy to print the details if you used easily obtainable components with real part numbers from a source that will sell individual units. (I've had it with: "available at your local electronics store" articles.)

My thanks to Bob Franklin, K6TP, of San Francisco, who provided me with some excellent background information and at least one source where you can buy these protectors. For a single plug-in unit, try Radio Shack part No. 67-2791A. For the others, get a 1987 electronics catalog from Jameco Electronics, 1355 Shoreway Rd., Belmont, CA 94002. Computer protectors are on page 77 of the catalog.

POSTSCRIPT ON DISK MANAGEMENT

I received quite a bit of mail on my last article on disk organization. Thanks, friends, for your kind words. One neat suggestion came from Ralph "Andy" Anderson, KONL, of Holton, Kansas. If you keep files of mailing lists, logs, correspondence in a standard file folder, paste or staple the disk sleeve to the inside flap of the file folder. The disk should contain only the program and data pertaining to that particular file.

Lou Braun, K8IQB, has a very nice library and directory organizer for the Radio Shack CoCo Computer. Write to him at 202 Howard St., Bellevue, OH 44811.

A source for colored disks and/or colored sleeves is U.S. Computer Supply, 511-104 Encinitas Blvd., Encinitas, CA 92024. Phone (619) 942-9998. Try 1-800-992-1992.

Send in your ideas, suggestions, programs and comments. This is your forum. Ask questions. Send program ideas. Describe your computer setup and how you solved problems.

Herb Lipson, W8FBH | 26960 Pinehurst | Sun City, CA 92381

WORD PROCESSING PROGRESS AT HQ

Headquarters of QCWA has finally yielded to progress, although it was not without a hard-fought battle....nearly all material for QCWA NEWS is not being produced on the computer, printed on the laser printer, then made-up into the regular 11 x 14 pages, which are reduced to make those you are now reading. The reduction is 77% of the size of the originals.

The Board ordered that we purchase a word-processing package, which was done. We haven't had time to do more than read the book and undertake the tutorials. The next issue of QCWA NEWS, should find us a bit more adept at using it and prettifying up the pages, at least in part, with R & L justification, etc. That, incidentally is not difficult but, we use almost all proportionally spaced type fonts, & R-L justification requires a bit more processing than when one is using uniform horizontal movement. At any rate, watch for the FALL issue of QCWA NEWS, then let us know what you think of it.

Some might be interested in the programs we use with the IBM computer...QCWA records are processed with and maintained by dBase III. Word processing has been with 'lil ole PCWRITE. We are now learning WORD PERFECT.

FROM THE EDITOR

NOTICE - ANNOUNCEMENT OF COST OF PIN INCREASE

About six months ago the prices we had been paying for QCWA gold-plated membership pins was increased. That, with the increased cost of shipping (in part caused by postage, and in part by the cost of boxes required to insure the pins arrive safely) put us in the position of selling the pins at below cost. We have been able to do this because the pins in inventory had been obtained at lower prices than those we now pay. Well, the inventory went and we're now on the new pins. Accordingly, the price will be increased from \$7.00 each to \$9.00 each, beginning July 1, 1987. Until that date, we will supply pins at the current price.

NEW QCWA MEMBERSHIP PINS

The QCWA Board of Directors authorized Headquarters to obtain and offer for sale, the following new gold-plated membership pins, having year tags on them exactly like the present 50-Year membership pins.

25 Year, 30 Year, 35 Year, 40 Year, 45 Year

These pins have been ordered in small quantity and, if you would like to have the one you are eligible for, you may order it at a cost of \$9.00. The new price (increased from \$7.00) is made necessary for ALL QCWA pins as a result of increases in prices charged QCWA by the manufacturer, the costs of engraving and of shipping have increased materially during the past several years. We had anticipated that the cost would advance last January, but we were able to hold the line due to a good inventory on hand. That is now depleted. The new pins, just as are the present 50-Year, 55 Year, 60 Year, 65 Year, 70 Year and 75 Year Pins, are available ONLY IN THE TIE-TAC FASTENER VERSION.

We will continue to stock the screw-button, safety-pin and tie-tac versions of the regular pin NOT HAVING YEAR TAGS. The price of these, as with all other QCWA PINS, with exception of the LIFE PIN, will be \$9.00 each, beginning July 1, 1987. We regret the increase, but it simply can't be helped!

QCWA LETTERHEADS & ENVELOPES

At its Spring meeting, in Irving, TX, the Board authorized HQ to prepare and offer for sale, QCWA letter-heads and envelopes. These have been prepared. The letterheads contain the name, QUARTER CENTURY WIRELESS ASSOCIATION, INC., across the very top, the QCWA logo, centered and, the line MEMBERSHIP CORRESPONDENCE, immediately below. At right, in small type the words "Reply To" will permit members to use either the small stick-on labels or a rubber stamp to show their return address. have the QCWA logo only, with plenty of room for a sticker or rubber stamp to indicate your return. The letterhead is in two colors, good quality paper.

We've tried to get them at a low cost - only partially succeeded. The cost for 25 letterheads and 25 envelopes, sent postpaid to you is \$5.00. If you would like a packet, write to HQ, send the required remittance, and they will be on the way to you. We do have them in stock, no waiting.

WHATS WITH QCWA CAPS?

It is proper that a word be written on the QCWA CAPS. When we announced them, on the cover of the Spring, 1987 QCWA NEWS, we did not have them in stock, and so stated. About three or four weeks after writing that, we received a shipment. Meanwhile, we had been snowed under with orders, all saying, when you get them, please ship.

We placed the orders in a file, date order, as received, and after receipt of the Caps, began sending them out. Of course we had to get boxes, etc., all of which took some time, but, we did get going. Due to the press of getting out the NEWS, processing Membership renewals, etc., we have scheduled 45-minutes per day to that work....we have been sending 6 to 8 caps out daily, and all will be out before long. We haven't forgotten you - and as stated, we are shipping strictly on the basis of postmark on the envelopes carrying your order.

We apologize for the delay!

BOARD OF DIRECTORS AUTHORIZES PUBLICATION LISTING ALL KNOWN SILENT KEYS

Headquarters has begun to prepare the basic database which will permit printing of a complete list of all Known Silent-Key members of QCWA. The list, which has been long in preparation, has every member who has passed away, whether he was in good standing at the time of passing or not. Many records of the early days simply are lost, and it has been made possible because of the many hours of work given by Ralph Cabanillas, W6IL. Ralph has researched, read call books, old records and everything that is available. In addition, we have had the help of quite a number of QCWA Chapters, whose secretaries have worked to provide us with a list of all known QCWA members who are SK in their area. We have asked for dates too, and that is tough.

Through the willing help of all, this list will be printed during this summer, and will be available to those who wish to have a copy. The price will be \$2.00. It will be about equivalent to a copy of QCWA NEWS. Will have the Name, call and year of death of all known members. Sorting will be done on the basis of the last name of each member. Calls, where possible, will be the original call of the member.

It is expected that the volume, made this 40th Anniversary Year of the Founding of QCWA, will be dedicated to our Silent Key Members, and feature information about the Memorial Fund, its founding, growth and present status. It will be available at the QCWA National Meeting, in San Diego, and, possibly by mail order about August. Chapters will be informed, and an announcement will be made on the QCWA Sunday afternoon net 14,347 kHz.

FROM THE EDITOR

ORIGIN OF QCWA LOGO?

There have been stories about the origination of the QCWA logo. David Talley, W2PF, who was on hand at the time the model was chosen, has indicated that it appeared as a cartoon drawing in an old issue of QST. There have been statements as to where this appeared....we were unable to confirm them.

About 15 years ago, Ralph Cabanillas, W6IL, gave me (W5EJ) a few old issues of QST...1921 vintage - without covers, but otherwise pretty well intact. Well, in browsing through one of these we think we found the basis for the logo. The drawing, reproduced below, certainly looks like the same general view, as that from which the logo had to have been derived.

Otto Eppers, W2EA, did a magnificent job, and it certainly was no copy. He did a job for which all of us old geeks are pretty proud! We owe a good bit to Hiram Percy Maxim too, because it was his stories which inspired 8UX to dream up characters who would appear as real to us as the "Old Man's" Rotten stories.



The QST from which this was lifted, was the September, 1927 issue, and the story was "T. O. W. Sez Her Sa". Thanks is extended to the ARRL, who has provided us with much of the great history of amateur radio, and given us a sort of blanket permission to reprint, as needed.

MEMBERSHIP DIRECTORY INDEXED BY LAST NAME TO BE PUBLISHED DURING SUMMER

The last time a directory was published that had been sorted by the last name of members was in 1979. There has been some interest in it, and the Board of Directors authorized publishing the directory in a quantity of 500. The Directory will be furnished to anyone wanting it, at a cost of \$2.00, as long as they last.

The identical database used in the 1987 Directory will be used and only those members listed in the 1987 Directory will appear in this new supplement. It will be approximately the size of QCWA NEWS, and designed to be used with the 1987 Directory. That is, the Name Directory will contain all member names and calls. Approximately 200 per page. If you need information on a member, use the name directory to obtain his call, then use the 1987 regular directory for other information. When the Name Directory is ready for distribution, we'll announce it loud and clear.

NEW REGULAR MEMBERSHIP CARDS COMING

HQ is working to reduce the time required for processing applications, renewals, etc. To this end we are designing a new membership card. It will be printed on a continuous form, three to a page. The form will feature the membership card which may be removed by the perforations about it, and the balance of the form will contain information about QCWA and greetings. The basic reason for the change is to make it possible to print cards, mailing addresses and pertinent information directly from the QCWA database, thus eliminating doing it two or three times as now have to do. The card would be about 3.5 by 8.5 inches, and will be arranged so that when completed by the computer, it can be dropped into a window-envelope, these, self stamped, will certainly reduce time and errors.

We shall make the envelopes visible - so that you don't dump

them in the trash as "junk mail". Membership cards will be a bit smaller, so they will go into your bill-fold card-holder.

MEMBERSHIP APPLICATION FORM IS REVISED

This issue of QCWA NEWS carries a new membership application form. The form has been modified to specify higher pin costs and to eliminate (for International members) the surface mail, where the member wishes to receive QCWA publications. The surface mail experience here has been dismal. Takes forever, and quite often torn up or unreadable when reaching its destination. It costs more, but it seems that we must go to airmail for all except our Canadian International members. Mail can be sent into Canada for the first-class rate (no bulk mail).

FCC DOCKET 87-14

At press-time we can report that the QCWA membership, as a whole, responded wonderfully to our request to file comments in FCC D 87-14. I have talked to W2GHK, who reported that he has read enough docket filings in the past few weeks to last a day or two....but, that it was worth it. Some excellent ideas appeared in some of the comments and these were picked up and expanded as necessary to make the QCWA filing.

Hear at HQ, we received a number of copies of filings, and they have all been forwarded to Stuart for reference.

There is no way, at this time to forecast what action the Commission might finally take. We can only look at it positively to say, we've given it our best shot. QCWA wants to acknowledge the help given by each member who took time to write and file his thoughts on the 220 issue. This is the way its done!

QCWA 1988 NATIONAL CONVENTION FIXED

It has been announced that QCWA has accepted the bid of the Vic Clark Chapter of QCWA, to hold the 1988 National QCWA Election in northern Virginia....and, while we're talking about Conventions, why not, right now, turn to the front of this NEWS and fill out the registration form for the QCWA 1987 Convention, being held in San Diego this fall, under the auspices of San Diego Chapter QCWA! San Diego is a great place for a meeting and, SD Chapter are proven hosts. You'll enjoy it, if all you get to see is the pretty gals at the swimming pools--did I say all?

ON MAILING COSTS

Talking about mailing - A few years ago it cost us \$0.055 to mail QCWA NEWS to domestic members. That has now been increased to \$0.085. That is a 55% increase, and when we mail to all U. S. members, the price went from approximately 550 dollars to about \$800. That is a whale of an increase. The same thing happened to the costs of mailing the directory - previously \$0.185 per copy, and it was, this last time, increased to \$0.255 per copy.

Because mailing is expensive, we ask, no! we plead with you to keep your mailing address up to date in our files.

The current mailing of ballots for the 1987 election is showing a fairly heavy return - incorrect addresses in our files, unable to deliver or, even, forwarding period expired! Every time we have to re-mail, the cost of postage and time is pretty steep. We sure appreciate whatever help you can give in this matter.

TALKING ABOUT BALLOTS, HAVE YOUR SENT YOURS IN?
THE ONLY WAY YOU CAN GET GOOD OFFICERS IS BY
MARKING AND MAILING YOUR BALLOT
THE ONLY WAY THEY GET INTO OFFICE
IS BY BALLOTS CAST FOR THEM....DO IT TODAY

SUMMER FUNFEST QUESTIONS

FROM THE EDITOR

QCWA INAUGURATES TAPES FOR SIGHT IMPAIRED MEMBERS

With publication of the SPRING, 1987 issue of QCWA NEWS, the Quarter Century Wireless Association began preparation and distribution of cassette tapes for our sight-impaired members. The tapes are prepared from the pages of QCWA NEWS. The Editor and Blanche Randles, W4GXZ, working together, determine the articles to be taped. The choices are made with a view toward bringing the sight-impaired member a full range of information, and some Chapter news. When the tapes are completed they are prepared for shipment and mailed to the list of QCWA members who have been identified to us, as sight impaired. The list current runs slightly over 40.

The procedure is carried out with each issue of QCWA NEWS and the tapes are furnished entirely without cost to those needing the service. The tapes may be kept as a permanent record, if desired. If you have a member-friend who could use the service, advise either HQ or the QCWA Secretary.

In our next issue we will have a complete story on the mechanical details of getting the tapes prepared, from the reading to the mailing....watch for it.

SOME INFORMATION ON PROCESSING QCWA NEWS

The next issue of QCWA NEWS will be prepared in full on the computer here in the office. We will not get into the use of graphics and our type font range is limited, but we will do essentially the entire preparation in so far as it is possible.

A goodly portion of the Summer issue was composed on the computer using a simple word-processing program. The beauty is that when a story is complete, we can run a copy, proof-read it and then correct it and away we go! We've been doing that this issue, and there are a lot less errors in this than if we hadn't done the work that way.

We have a new program entitled WORD PERFECT, which is a powerful tool. It is reasonably complicated, with a large set of commands which must be learned in order to get work done with rapidity. That means that the rules by which our smaller processing soft-ware operates, must be un-learned! We'll have it under control by the FALL ISSUE of QCWA NEWS. We expect to use some right-left justified stories....they look pretty, but they are significantly more difficult to read. They are also significantly more difficult to print, when using proportionally spaced characters.

Thinking about right-left justification - we did that back in the 1972-1974 era, every story was typed, then was made justified by the process of extending each line by strategically inserted spaces, or half-spaces, available on our IBM typewriter at that time. Lines too long required a very good thesaurus, so we could find synonyms requiring less space. This went on for a while, but we finally gave it up as being too darned tiresome and slow.

QCWA PRESIDENT WEARS SEVEN-LEAGUE BOOTS!

The QCWA President, Leland Smith, W5KL, has been travelling this past two or three months. Seven-League boots wouldn't help him a bit, as he travels from Maine to Oregon, making appearances at QCWA meetings and providing a very close connection between membership and the Officials of QCWA. How he does it, we'll never know, but he sure gets around. Watch for him, he'll be showing up at your Chapter meeting before you know it.

1. "They don't put up antennas like this anymore", said Packetrips, "How old is it?"

Hasafisti smiled, "Dad says it was 15 years old when he was born", he replied, "and here's something odd. The square of its age has my age as its second half, and Dad's age as its first half." How old is the antenna?

2. Packetrips remarked, "This new school is quite a change from the old school. It has only 348 students. There are 231 below grade 5, but 165 above Grade 3". How Many in Grade 4?
3. If the natives of Sinkol rate 2 type 807 tubes as worth 3 type 224A tubes and a type '01A tube, but will give 25 NPN transistors for 3 type 807 tubes plus 2 type '01A tubes and a 224A tube, what is the value of each type of tube in transistors?
4. A chessboard has squares that are 2.00 inches by 2.00 inches. What is the diameter of the largest circle that can be drawn on the board in such a way that the circle's circumference is entirely on black squares?
5. A man's age at death was one twenty-ninth of the year of his birth. How old was he in the year 1900?

I must have made the problems last issue too difficult, judging by the light response. Don't hesitate to send in your answers. Incorrect answers receive recognition, as do correct answers. So send your solutions. It's fun when you see your call and score in print.

Send replys to: Harry M. Neben, W9QB, 1151 Fairway Dr.,
Dunedin, FL 33528

SPRING FUNFEST ANSWERS

Problem	1	2	3	4	5
Answer	10.47 31.4	Excommu- nication.	10944	2 ²¹ 2097152	15
K14V	OK	OK	OK	OK	OK
W3EEI	OK	OK	OK	OK	OK
K1NIT	OK	?	OK	OK	OK
K5AC	OK	OK	OK	OK	OK
K8UNP	OK	?	?	OK	OK
K9GDF	4	OK	OK	OK	OK
K1MHD	Inf	Easy	3	?	7
K0KL	OK	OK	OK	OK	14
K9BL	OK	OK	OK	OK	OK
DL9AR	OK	OK	OK	OK	OK
K8TL	3 1/3	OK	?	OK	OK
W9NH	OK	OK	?	OK	OK
W0JTC	OK	OK	OK	OK	OK
K4PDA	OM	?	OK	OK	OK
K1KUL	OK	?	x	OK	OK
W2BDE	OK	x	x	OK	OK
W2WAM	OK	x	x	OK	OK
W4AYF	OK	OK	03844	OK	OK
WT6A	OK	?	OK	OK	OK
W2OR	OK	OK	OK	OK	14
W2TDN	OK	?	OK	OK	14
K2BLA	OK	?	x	OK	14

I hope that more of you can try this time...it's fun, you can stretch your skill and imagination.

/s/ Harry, W9QB

MARK AND MAIL YOUR BALLOT TODAY.
IF YOU DIDN'T RECEIVE A BALLOT, IT
MAY BE YOUR ADDRESS IS INCORRECT
IN QCWA FILE. WRITE FOR REPLACEMENT
BALLOT, CHECKING ADDRESS!

QCWA CHAPTER NEWS

SPACEPORT CHAPTER 66

Spencer M. Allen, K0REC, 6401 Azure LN (B6)
Cocoa Beach, FL 32931

Eighteen member and guests were present, including Richard Battin, Immediate Past Spaceport Governor, District 47, Toastmasters International. Mr. Battin delivered a rousing patriotic address, titled "My Home is Old Glory". This meeting, held April 11, 1987.



Pictured above, Allen Apple, K4ILX, Chapter Treasurer, is shown with his recently acquired QCWA Golden Award, endorsed for 65 years! Chapter President, Bob Stewart, K6ETS, at left, and Allen at the right.

On May 8, 1987, the Chapter held a meeting with 25 members and guests attending. The program consisted of stories by each member touching on the history of how he or she became a ham. All agreed that the program was enjoyable.

NORTHERN NEW JERSEY CHAPTER 77

Walt Creuz, W2CIY, 25 Mt. View Rd, Chatham, NJ 07928

The Northern New Jersey Chapter No. 77 QCWA, held its Spring luncheon meeting at the Robin Hood Inn, Clifton, NJ, April 11, 1987, with 47 members and guests in attendance. The weather was good, food excellent and Al Helfrick, K2BLA, our 1st VP, gave us a view of the more pleasant aspects of his Vietnam experiences.

Al's military duty in Vietnam involved running a MARS radio station handling phone patch traffic with the States. And, Al is grateful that his amateur license and ham radio experience spared him from the duty so many suffered through while out there. His pictures of the beautiful countryside and beaches and snorkling expeditions gave us all a picture of that part of the world we'd never seen. And, Al's running commentary and personal remarks made his slide show very interesting.

Business items included regretful acceptance of Tom Ryan's, W2NKD, resignation as Secretary for health reasons and a vote by the officers present appointed Walt Creuz, W2CIY, as secretary and Fred Burns, W2KWW, as Recording Secretary.

The 50/50 for the benefit to the QCWA Memorial Scholarship Fund, which collected \$62, was won by Frank Leonard, W2NPT, our first "Elmer-of-the-Year". Rita Hasslinger and Betty Stratton, W2PVS, were the fair ticket sellers.

Announcements were made about the Chapter's coming events--- the field trip to the Vernon Satellite Earth Station on Wednesday, May 20 and the Annual Picnic on Saturday, July 11 (rain date Sunday, July 12) at the home of our treasurer, Merle Worster, W2HTW, the Mayor of Upper Saddle River. Save these dates, please.

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HTs ARE GETTING SMALLER



YANKEE CHAPTER 112

Onie Woodward, W1ZEN, 14 Emmett St, Marlboro, MA 01752

Yankee Chapter 112 held its annual luncheon meeting on Saturday, April 15, 1987. There were 50 members and guests attending. Among them were 3 who joined Yankee Chapter at the Luncheon.

We were happy to welcome W4COW and W4GXZ, back to the "north". Wes gave a resume of the Board Meeting and then presented 55 year certificates to Harold Chase, W1EES and to Milt Chaffee, W1EFW. 65-Year Certificates went to Herb Nordholm, W1IAO and Bill Frizzell, W1LHV. Jack Titterington, W1EOF, also has a 55-Year Certificate coming. Joe Washburn, W1AWA, will receive a 65-Year Certificate.

The 1987-1988 Officers were elected and are:

Harold Chase, W1EES President
Joe Santangelo, N1JS Vice President
Onie Woodward, W1ZEN Secretary/Treasurer
Leonard Hadley, W1YCC Activities Manager
Al Fruzzetti, K1JJJ Net Manager

At the close of the meeting, a video tape of the 1986 Christmas Party was shown. The 1987 Christmas Party will be December 5th, at the home of W1RCJ and W1ZEN. Everyone enjoyed a delicious luncheon and good fellowship

QCWA CHAPTER NEWS

TREASURE STATE CHAPTER 106

Robert Corbett, W7BC, 2032 California, Butte, MT 59701

Forty-one members, XYs and guests attended the Treasure State Chapter #104 spring meeting at Bozeman, Montana just north of Yellowstone Park, on April 4, 1987. President Les Sterling, W7GL, announced three silent keys since the Fall meeting; former Secretary/Treasurer, Carl Snyder, W7RL; long time Chapter Historian, Leslie Blewett, W7OIO; and a very recent member, Michael Moon, KE7LL.

An audio-visual program titled "A Visit to an Amateur Museum", furnished by the ARRL, followed the luncheon and business meeting. Newly designed Treasure State call-letter name badges were presented to those attending. The badges, designed by W7RZY, combine the QCWA logo with the distinctive outline of the State of Montana.

Both the outgoing ARRL Section Manager, Les Belyea, and the incoming SM and fellow QCWAer, Ken Kopp, spoke to the group. Belyea was presented with a personalized call-letter badge in token of his support of QCWA during his three terms in office.

Preparations for the annual meeting of the Chapter at the Glacier-Waterton Hamfest, in Glacier National Park, July 18-20, 1987, were discussed. An informal breakfast for those who stayed overnight wound up the event. - Ian Elliot, W7JMX -

PIEDMONT CHAPTER 126

Henry Elwell, N4UH, Rt 2, Box 20G, Cleveland, NC 27013

Piedmont Chapter 126 enjoyed an attendance of 67 at its spring luncheon meeting in Pinehurst, North Carolina on March 14. This was the largest turnout in recent years and resulted, in part, from a mail notification to all QCWAers in the area. The meeting was held at the Club House of Pinehurst Trace, the retirement community where a number of QCWA members reside, right in Pinehurst. Considering that our geographical dispersion is such that many of the attendees had to travel nearly 100 miles, it was a wonderful turnout. It is expected that eight or ten non-members will join us as a result of the affair.

Professor George Beckerman (W6ORK) presented a fine travelogue of his recent trip to the far East. The program was enjoyed by all. President Chuck Brydges, W4WXZ, ably presided over the meeting. Chuck is pictured below, consulting the meeting agenda.



Picture by W4HVV

COASTAL CAROLINAS CHAPTER 118

Roger Moates, W3EZR, 3300 Barnsley Ln, Raleigh, NC 27604

The Coastal Carolinas Chapter had their Spring meeting during the Raleigh Hamfest. Not as many of the Chapter showed up at the meeting as expected -- probably because of the quality of the Hamfest, which seems to be getting better and better every year. The Spring meeting may have to be changed to some other time to keep the 'fest from competing for our member's time.

We had election of officers during the Spring meeting with the

COASTAL CAROLINAS CHAPTER (Continued)

following members elected to serve during the 1987-1988 term:

Carl Presler, W4LPL - President
Bob O'Bryan, W4YMI - Vice President
Roger Moates, W3EZR - Secy/Treasurer

One of the most active members (and newsletter editor) Bob, AA4L, will be enjoying retirement beginning June 1, 1987. He says he will be moving to quieter quarters, but will still be as active in the Chapter as ever.

Members and guests are invited to join us each Monday evening at 8 o'clock on the 146.88 repeater. With the wide area coverage and linking possible, all members in the chapter are within range.

Roger, W3EZR

PALMETTO CHAPTER No. 89

Ken Brandon, KE4CT, 764 Waterloo St, Charleston, SC 29412

Our last meeting was held on Saturday, October 18, 1986, at the Western Sizzlin Steak House in Columbia, where the members arrived early for coffee and good fellowship with the luncheon starting at approximately noon, after the blessing was asked by J. T. Lyman. The meeting was called to order at 12:50PM by Beryl Smith, and each member introduced themselves and guests. Clark Rogers gave a Health & Welfare Report, and all appear to be in good shape. Wade Holland gave a report on the St. Petersburg, FL National meeting.

Grover Gaskin, W4GZO, was formally voted in as Second Vice President and the meeting was then turned over to our new President, Clark Rogers, K4BGN, who in turn presented the Past President's Trophy to Beryl Smith. Yours truly gave a financial report, followed by a discussion on the disposition of the "Charlie Biele Memorial Fund". A motion was made by Coleman, W4TWW, seconded by Scotty, K4AWY, to send \$500 to the QCWA Building Fund and \$500 to the QCWA Memorial Scholarship Fund. The motion passed unanimously. A discussion followed on the future of the Palmetto Chapter, as it now stands. Wade Holland mentioned the possibility of splitting the Chapter into smaller groups, where less travel would be needed for the individual members. The suggestion of splitting the Chapter into three (3) smaller ones was tabled to the next meeting by President Clark Rogers.

Scotty, K4AWY, spoke of participation in the Sunday CW net and a further discussion was held concerning the Saturday afternoon phone net with the possibility of changing it to 9 AM. A show of hands was held and it was agreed to try out the new time. A discussion was held concerning the advisability of a nominal increase in the annual Chapter dues, but no motion was made. Coleman, W4TWW, passed the hat, and collected \$67 for the treasury.

Ken Brandon, KE4CT

NEW YORK METRO CHAPTER 46

David W. Winter, W2AUF, 84-26 87TH St, Woodhaven, NY 11421

Metro New York Chapter 46 met on March 24, 1987, at the 14th Street Armory with the fellowship at 6PM and dinner at 6:30PM. before dinner John, KA2IXW, gave a resume' of Vi Grossman's passing and also comments about the QCWA QSO PARTY contest held in March.

After a description of how and why we should host the National QCWA Convention in 1988, a vote was taken on the subject. It was moved and seconded and carried that the Metro New York Chapter host the 1988 convention.

(Continued Next Page)

QCWA CHAPTER NEWS

New York Metro Chapter 46 (Continued)

After dinner, Sy Yuter, W2NBT, gave a very interesting and informative talk on the subject of "How to Make Money from Your Ideas". He talked about Trademarks, Patents and Copyrights, how they are obtained and other ideas. I never believed this subject could be so interesting--must have been the way Sy presented it, no doubt. Sy is shown in the picture below, making his address to the Chapter.



David W. Winter, W2AUF

NUTMEG CHAPTER 149

Joseph A. Moskey, W1JMY, 49 Fairwood Farms Dr.,
West Hartford, CT 06107

The February 21, 1987 meeting was called to order at 2PM by the president at Aldario's Restaurant in Milford, CT, with 71 members and guests on hand to enjoy the festivities. WIDPR opened the proceedings with the sad news that one of our Charter Members, Zigmund J. Kondziol, W1RGF, had joined the ranks of Silent Keys. This announcement was followed by a memorial moment of silence.

The president expressed his heartfelt thanks to the chapter members for the expressions of condolence received on the death of his mother and for the many notes and cards sent to his XYL, Gertrude during her recent hospital confinement. As is his usual custom, George then read several items from the Hot Line Report, none of which seemed earth-shaking. Harold, W1EES, reporting for the nominating committee, read the following slate of officers to be voted on at our annual meeting, May 16, 1987: President, WIDPR; Vice President, N1DVQ; Secretary-Treasurer, Pro-tem, W1JMY; Activities Manager, W1ZNK; Net Manager, AE1H. Secty-Treasurer, W1JMY, reported a cash-on-hand balance of \$350.11, after receipts of \$826.04 and disbursements of \$879.45 since November 15, 1986. A total of \$200 in the form of deposits to Aldario's and the Sheraton Bradley Hotel will be recovered and returned to the treasury, making our real cash position \$550.11.

Activities Manager W1VPF, announced that arrangements have been made to hold our annual meeting at the new Bradley Sheraton, now under construction in Windsor Locks. Net Manager, AE1H reported that attendance at our weekly net sessions is averaging about 17 each Sunday morning at 11:30 on 3922 kHz. In our regular prize drawing, Pat Case, XYL of N1DVQ, won two out of five times and graciously returned one of her prizes, which was then won by W1NFG on a redraw. Other winners were KJ1C, W1OFV and W1TSL. WA1EDR, xyl OF K1QPJ, announced the formation of a YL club for Connecticut and invited any ladies holding a ham license to attend a luncheon meeting in Hartford.

The meeting adjourned at 2:28PM. It was followed by a talk, "Is Albert Schweitzer Worth Remembering?" The speaker, Mr. Harold Robles, of the Wallingford Red Cross and Founder and President of the Albert Schweitzer Foundation in Connecticut, illustrated his presentation with slides and related many interesting anecdotes concerning Dr. Schweitzer.

J. A. Moskey, W1JMY

DETROIT METRO CHAPTER 61

Len Kerzka, W8IHX, 4900 Lakeview Blvd, Clarkston, MI 48016

"Eye Ball DX" could be the title of our March meeting of Detroit Metro Chapter 61. Although the title seems a bit odd, that was what we experienced in the presentation by George Goldstone, W8AP, of his trip to the West Indies Island of Montserrat, where the call of VP2M was added to George's call and also to his XYL Bea, W8MMB. George is a former Vice-Director of ARRL, and has been a club and hamfest speaker for some time. A most interesting presentation and commentary.

Before the main event began, our secretary, Len W8IHX, asked all the men if they knew why we are called "HAMS". Various opinions were voiced, which entailed unusual definitions. None of which were correct. Then Len opened his brief case, and presented each member with a Xerox copy taken off an East Coast newspaper, with the real definition. (A copy of this can be obtained from QCWA HQ, by sending an SASE).

President Kurt, W8LZV, had requested each member bring his QSL card to this meeting. While all the cards were placed on a table, three judges were selected to vote which card was the most appropriate for a radio amateur. After a short caucus by the judges, the QSL of W8IHX was selected, because it showed a hand-key, which is what every amateur has used at one time or another since the beginning of ham radio. The prize was one year's dues in Chapter 61. A most enjoyable, interesting and innovative meeting.

Len Kerzka, W8IHX

ATLANTA CHAPTER 49

William A. Scott, W4UVP, 2728 Peppermint Dr.
Tucker, Georgia 30084

Atlanta Chapter 49 met on Saturday, March 14, at the Morrison Cafeteria at Executive Park, with 23 members and guests in attendance. After the usual introductions, Wendell, K4VN, gave an interesting description of the first DX expedition. This was the December, 1920 expedition to Scotland to determine if American amateurs could put a signal over the Atlantic. they did, and history was made!

A treasurer report was given and then a report on progress being made on participation in the ARRL National Convention being held July 10 - 12, 1987, and hosted by the Atlanta Radio Club. The latest report from Club indicated plans were going very rapidly on the Convention. Our plans for participation are on schedule and coordinated with the Atlanta Radio Club. Our QCWA Forum has been approved and a booth will be open. The plans for a Saturday morning breakfast for QCWA members and friends is being coordinated with the Club, the World Congress Center and other clubs also wanting to hold a breakfast. The forum will be held on Saturday morning and we are expecting some very well known QCWA members to attend, making the event of interest to all amateurs and especially to QCWA members.

The meeting program was given by Byron Lindsey, W4BIW, with slides and recordings showing Atlanta Amateur history for the past almost 60 years and Byron's 50 years of commercial radio and television. Pictures of old hamfests from the '20s to the '80s were very interesting as were Byron's comments and recollections. The commercial end was of the first days of Atlanta and Albany, Georgia radio operations. There were pictures of WSB, including Henry Ford, Rudolph Valentino and others. There were pictures of some employees of WSB who would in time reach national prominence, such as Dick Van Dyke and Snooky Lanson. The program was very interesting both to hams and non-hams who were there. Byron's experiences as a ham covers from the end of the spark days to the latest satellites of the Oscar program...packet and computers. This was an hour of enjoyment!

We are looking forward to seeing all QCWA members at the ARRL Convention and hope you will come by our booth to meet your friends and, to attend the Forum, 9AM, July 11.

Bill Scott, W4UVP

QCWA CHAPTER NEWS

LONG ISLAND CHAPTER 81

Robert H. Scruggs, W2FRX, 860 Custer St
North Valley Stream, NY 11580

Long Island QCWA recently changed the meeting location from one Chinese restaurant to another for its April 2nd meeting, experiencing a fine turn-out of 41 members and guests. The new location, the East/West Cafe, blends Chinese cuisine with American dishes, satisfying every palate.

Our guest speaker was Howard Schiff, MD, WB2OLN. He is assistant professor of Urology at one of New York's finest hospitals, the famed Mount Sinai Medical Center. Dr. Schiff's extremely interesting talk centered on recent advances in his medical specialty using state of the art electronic diagnostic aids. Put simply, his approach to those problems beats what one would have experienced ten years ago in a similar situation. Whither the electron?

David Winter, W2AUF, our congenial roving photographer, found the newly installed officers and trustees at the bar, buying drinks for each other. Dave herded them together for the picture.



Shown in the photograph above, L-R are: Mark Lo Bosco, W2YTF, Secretary; Irving L. Filderman, W2EAZ, Chairman; Norman Wesler, K2YEW, Trustee; Andrew A. Cola, W2VZQ, Treasurer; Herbert Schmah, W2AHZ, Trustee; Arnold Tarallo, W2OEJ, Trustee; Kate Saul, AE2Z, Trustee; Michael J. Orofino, W2KO, past Chairman; Julius Jay Altman, W2DX, Vice Chairman. Pix by W2AUF.

Our next meeting under the 1987 leadership of new officers will be held the first week in June and members carried on the current roster will receive notice. It would be nice to see some of our members who have emigrated to other locations, if they can attend.

LEO MEYERSON

GREATER PALM SPRINGS CHAPTER 154

Homer Brumbaugh, W6HBE, PO Box 1483, Palm Springs, CA 92240

A Chapter Officer/Director meeting was held on March 4, 1978. Following the enjoyable Wednesday Luncheon at the Royal Fox Inn in Desert Hot Springs, the members of the Board moved to a large table at the far side of the dining room. Present were Bruce Peterson, W6JWL, President; Jim Bruner, W6CDK, Treasurer; Homer Brumbaugh, W6HBE, Secretary; Bob Killeen, N6EHR, Publicity Chairman; and Leo Meyerson, W0GFQ. The President called the meeting to order at 11:15 AM. Brumbaugh read the minutes of the Annual Meeting held at the Indian Wells Country Club, February 21, 1987, which was regarded as an outstanding event; the minutes were approved as read. The Treasurer read his report stating that we have \$279.22 in the bank and \$4.00 in cash. It was moved that we pay the bills due for the luncheon and \$30.80 to Brumbaugh for Xerox, postage and post-cards announcing the luncheon. Treasurer Jim said a number of members had not paid current Chapter dues and it was suggested that we send a card-reminder. There was a brief discussion on fund raising for the Chapter, perhaps a swap meet and donation of junk box gear for sale. A discussion about the fictitious name status and the decision was to take no further action at present.

It was announced that Bibi, spouse of Len Yarger, K6SS, of Chapter 130, had passed away the day following their visit to our February 21 luncheon. A sympathy card was sent to Len.

W6ZVD, of Yucca Valley was apparently omitted from the membership list even though he is a Charter Member with his signature on the Charter. Two new members have joined us, K6BUS & WA6JEV. One member, Warren Terry, W0LLP, became a Silent Key last November 24. There being no further business, the meeting adjourned at 12:20 PM.

CLEVELAND CHAPTER 1

Robert E. Bloor, W8LYD, 24338 Smith Avenue, Westlake, OH 44145

On January 14, 1987, the Cleveland Chapter had our first meeting in 1987. After installation of Officers, the Chapter presented a plaque to our outgoing President, W8MMC, for his excellent leadership in 1986. The Chapter established two "Chapter Life Memberships" for Ted Burmeister, W8BSS, and Chuck Lohner, W8RN. These two amateurs have supported the Cleveland Chapter since it was chartered 36 years ago. The Chapter Membership voted to establish the procedure of honoring our Silent Keys with a donation to the QCWA Memorial Scholarship Fund. W8AZW, K8BB, N8BC, W8BSS, N8DR, W8EFW, W8HXC, W8IRM, W8JMK, W8LJI, W8LXA, K8LXL, W8MDL, W8NGW, W8NJF, W8OYO, W8PBZ and W8QPH were presented their QCWA Golden Anniversary Award Certificates. During lunch and after the meeting, QRM reached a new high as many simultaneous QSOs broke out. During an

CHAPTER REPORT FORMS

Two years ago, QCWA began the practice of requiring Chapters to file annual Chapter reports which would tell us about your activities, names of Officers and other important information. The Report Form is sent to all Chapters in November of each year. The Report must be filed by January 31 of the new year. If the Report form is not filed, a letter is sent to the Chapter officers of record requesting action. If the Report Form is not filed, the Chapter is then considered inactive and dropped from QCWA listings. Reinstatement of the Chapter can be accomplished by filing the required Report Form. Note: The same form should be used to report election of new officers, changes in on-the-air schedules, etc. If you need such forms, they are available from HQ. If you don't know whether or not a Form has been filed, write HQ or, better yet, file a new report form right now, updating all Chapter information

QCWA CHAPTER NEWS

CLEVELAND CHAPTER 1, (continued)

Executive Committee meeting in March, the donation to the Scholarship Fund was authorized for W8FDM, W8JMK, W8QPH, K8RTT and W8VUI, our recent Silent Key Members. The Executive Committee had been informed that W8JMK and W8QPH had become Silent Keys between the time the Chapter had received their Certificates and the March meeting.

Another severe case of QRM occurred in Cleveland on May 2, 1987, when the Cleveland Chapter held our second meeting in 1987. After the Officer's reports, the Chapter honored Jim Russell, W8BU, who was one of the first amateurs licensed in the eighth call area. Jim took his license exam during the earliest tests given and was licensed in 1912. The Cleveland Chapter was honored to have Jim and his XYL as guests at the meeting. Jim was presented with a special 75-Year Certificate from QCWA as well as



(picture above) the QCWA Century Club Certificate. Jim is at the left David Willemin, AI8M at the right, in the picture. A letter of congratulation from the Officers of QCWA was read and presented to Jim. Jim then delighted the group with many interesting stories of the early days of Radio. He displayed his early "Spark" transmitter as well as parts of early receivers. Officers of the ARRL, Cleveland Wireless Club, Lake Erie Amateur Radio Association, Northern Ohio Amateur Radio Society, and the Westpark Radiops were present to share in honoring Jim, W8BU.

CHATTANOOGA CHAPTER 115

Charles E. Curle, AD4F, 8719 Snow Hill Rd, Ooltewah, TN 37363-9628

The Chattanooga Chapter QCWA had its winter meeting March 3, 1987, at one of Chattanooga's better restaurants in a nice large, quiet room. The efforts of the President, Clyde Hendee, K4KTC, and Charlie Weller, K4MRZ, were very obvious in the large turnout.

After a short business meeting conducted by President Clyde, we had an entertaining and educational program by Mr. Phil Lytle, WA4MVR. Phil gave a short talk about some of his experiences as a missionary in Peru shortly after the end of WW-II. He got his first taste of amateur radio by operating from there, and he has continued when he got back to the States. He also showed several examples of the handiwork of the natives around Peru.

As he is employed by the Social Security chaps, he also went over some of the things you need to do before you retire. (Some of us aren't old enough to retire yet). He also gave us a brief rundown on the new computer operation they have. Phil is a good speaker and made a very interesting and enjoyable program.

After the meeting was closed, we had a couple of new members sign up and some renewals. Good programs and fellowship seems to draw members.

BATON ROUGE CHAPTER 109

E. B. Charlton, W5MD, 1533 Outrigger Dr, Baton Rouge, LA 70816

Our Baton Rouge QCWA Chapter 109 held a breakfast during the Lafayette, LA Hamfest. The restaurant at the Holiday Inn, where the Hamfest was held, had a seating capacity of 60 and there wasn't an empty chair to be found. Very special thanks go to Jerry Butcher, W5FCG, of Lafayette, who made all of the arrangements with the restaurant. Jerry even brought a portable PA system for our use.

QCWA Awards were presented to Howard Schmidt, K5BLV (Golden Anniversary), to Eddie Miller, W5EXI (Golden Anniversary and 50-Year Continuously Licensed) and to Jerry Butcher, W5FCG (50-Year Continuously Licensed). They are shown below, with Awards, L-R: Jerry, W5FCG; Eddie, W5EXI; Howard, K5BLV.



The Chapter holds an On-The-Air meeting every Sunday morning at 0830 hours local time. Frequency is 3905 kHz, and W5URR (Bill) is NCS. A warm welcome is extended to any QCWA member to check in with us.

SOUTHEAST WISCONSIN CHAPTER 162

Robert N. Jensen, W0WLN, 5616 Cambridge Ln, Racine, WI 53406

The initial organizing meeting of the Southeast Wisconsin Chapter 162, QCWA, was held at 7:30PM, April 16, 1987. In attendance were: Steve Bellgraph, K9ZL; Bob Jensen, W0WLN; Ken Johnson, W9BIH; Chuck Knotek, W9GKM; Bob Gorjance, W9IYM and Ed Konicek, W9NVK. The name for the Chapter was chosen, constitution and by-laws adopted and interim officers elected. Temporary President is Steve Bellgraph and Bob Jensen is temporary Secretary-Treasurer. At least four other local QCWA members or members-to-be agreed to the proceedings although they could not attend. These ten members will be Charter Members and Charter Membership will remain available until July 16, 1987.

The next meeting will be held as soon as the Charter is received and establishment of the Chapter is approved by QCWA Headquarters. The Chapter contemplates a full calendar of social activities as well as necessary business meetings. Membership is open to qualified QCWA members throughout southeast Wisconsin.

TREASURE COAST CHAPTER 48

W. R. Staples, W4SME, PO Box 782202, Sebastian, FL 32978

Treasure Coast Chapter 48 has elected new officers for the year. Those taking over the duties at this time are:

Walter Camuso, W1ESN, President
Issac Roach, K4QM, Vice President
W. R. Staples, W4SME, Secretary/Treasurer

QCWA CHAPTER NEWS

THE 1987 DAYTON HAMVENTION STORY

The QCWA booth sponsored by Dayton-Cincinnati Chapter 9, at the 1987 Dayton Hamvention was very successful. The Chapter had obtained very desirable space in one of the principal hallways at the Hara Arena. A large QCWA sign strung from the ceiling of the hallway attracted hundreds of members and prospects to the booth. Manned by Chapter members and Leland Smith, W5KL, there was rarely a moment when one or more visitors were not asking questions about QCWA. The large display board furnished by headquarters attracted much attention. Some thirty new members joined at the booth and more than 150 applications were handed to interested amateurs. Over one hundred QCWA caps were sold.

Headquarters and all of QCWA extends a hearty thanks to Doug Horner, W8PH; Carl Yeager, W8DWT; Ralph Patterson, N8MHU, and Chapter members who worked so hard in planning for and serving at the booth - and, this isn't the first year that this great gang of QCWAers has gone all out to create goodwill for us.

In addition to sponsoring the booth, Chapter 9 hosted a banquet at the Heritage House Restaurant on Friday night, April 24. Some 80 QCWA members, wives and guests attended. Ralph Patterson, N8MHU, Chapter 9 President, served as Master of Ceremonies. Bill Biddle, K8UZ, was presented his 70-Year QCWA Golden Certificate by QCWA President, Leland Smith, W5KL. Bill Pasternak, WA6ITF, publisher of Westlink Report, delivered a delightful account of his recent activities in filming an amateur radio promotional video.



Scene of the activities is shown above with Leland Smith, W5KL, at left and Bob, N8FTT, keeping records. Picture by W3WPY!

NORTHWEST CHAPTER 7

Albert E. Mowery, 7912 39th SW, Seattle, WA 98136

The Northwestern Chapter of QCWA had its annual Spring dinner meeting at the Lewis and Clark Hotel, in Centralia, WA, Saturday evening, April 25, 1987. Fifty-nine people, including the XYLs, enjoyed a very delicious dinner, which was arranged by Roy Myklebust, W7GYB.

After the dinner, Wally Nelskog, W7FDQ, Chairman, opened the program to introduce the newly elected Vice-Chairman, Frances Longo, K7IKR, of Cathlamet, Washington. Wally then introduced QCWA National Secretary, Jim Walsh, W7LVN, who was featured in the May issue of QST...see page 47! Others people introduced included Wally's lovely wife, Cal and Pat Morgan, W7FST. and K7CAK. Cal is our chapter historian.

Our speaker for the evening, Phil Farrel, K7PF, and his XYL, were introduced. Phil gave us a very interesting history of the 146.28/88 MHz repeater.

Chapter 7 (continued)

Before we adjourned, Wally Nelskog led a discussion of a possible joint meeting of our chapter with Evergreen Chapter this fall. Now the chapter officers will contact the officers of Evergreen Chapter during the summer for a summit meeting to make arrangements.

FLORALA CHAPTER 84

John Zwaska, W4WKQ, displayed his QCWA Trophies at the QCWA booth at Ft. Walton Beach, FL Swapfest in March. When hams eligible for membership passed by, he explained how they, too, can earn these trophies, by joining QCWA and participating in our activities. Shown below, John explained each Award....The QCWA membership Certificate; the local chapter Certificate (Florala); Worked 100 members; Worked 60 Chapters; Worked 500 members" Worked All States; ... then, the potential member can, by watching his health (and the number of toddy's consumed, Ed note) he might survive long enough to earn the Golden 50-Year Certificate and Continuously Licensed for 50-Years Certificate. With additional persistence, he might earn First Place Plaques in the Phone/CW QSO Parties (John has 1978/1983/1984/1985 and 1986!

After hearing this presentation, many potential members accepted our membership application forms and five actually turned in their application and dues.



John is pictured above, with his Awards, as they appeared at the Swapfest.

RAZORBACK CHAPTER 90

CH90; Ray Yarbrough, W5YGX, PO bpx 263, Green Forest, AR 72638
CH158; Phil Powledge, K5SVS, PO Box 3171, Little Rock, AR 72203

A joint buffet breakfast meeting was held by Chapters 90 & 158 at the Little Rock Hamfest, Sunday, April 5th at the H-D Cafe, in North Little Rock, with thirty members and their ladies in attendance. The Speaker of the day was W1XX, of ARRL, who showed some interesting slides of changes being made at ARRL Headquarters.

A number of those attending were late, having forgotten to set their watches for daylight time!

SEPTEMBER HAMFEST IN THE MAINE!:

The 1987 ARRL-Sanctioned Hamfest will be held Saturday, September 12, at the Southern Kennebec Agricultural Society fairgrounds in Windsor, ME. All of the expected excitement will be there. Gate donation is \$2 and overnight camping is \$3 for one or \$5 for two nights. Talk-in from W1TLC on 22/82 repeater. Contact Phil or Dot Young, W1JTH-WITGY, 47 Longwood Ave, Augusta, ME 04330 or, on the landwire 207 622 1385.

QCWA CHAPTER NEWS

DEL-MAR-VA CHAPTER 150

Walt Brink, W3WPY, 919 Cloverfields Dr, Stevensville, MD 21666

The third anniversary meeting of DEL-MAR-VA 150 was held at Oliver's Meeting House, Milford, DE, on April 5, 1987, at which 28 members, wives, and guests attended.

Bill Haight, W3BKN, Chapter president, called the meeting to order at 2 PM. A short business meeting was held during which Bill Kuning, W3BY, was presented the QCWA Golden Certificate by W3BKN. A moment of silence was observed for W3TBG, our recently departed brother. Following the short business meeting, we all enjoyed the meal and the oyster on the half-shell eating contest was declared a draw between W3WPY and W3DOG!



The photograph above, L-R, Bill Kuning, W3BY, receiving his Golden Award from Bill Haight, W3BKN.

THE ARRL W A C

We old-time duffers, who had the privilege of growing up with radio, or nearly so, at any rate, can well remember the difficulties and tears that went with the effort to win the ARRL Worked All Continents (WAC) certificate. In this day, when it can be done in ten minutes simply cannot express the feeling that went with the good fortune of working Asia or South Africa. They were the bug-a-boos. Well, it was about 1926 when the 1st Certificate was issued (I do not know for certain, but, the following is the list of those who had earned the Award as of April, 1927, 60 years ago, as this is written:

nu6OI, nu6HM, nu1AAO, nc4GT, np4SA, nu9ZT-9XAX, eb4YZ, nu9DNG, op3AA, nu2APV, op1AU, nu5ACL, nu5JF, eg2IT, eg5NJ, op1CW, fo1SR, nu1CMP, nu1CMX, eb4RS-3AA, nu7IT, nu1CH, sc9TC, nu5TW, nu6CTO, op1BD, nu9BSK, nu4TN-4SI, am2SE, eg5XY, sc2LD, ef8CS, nu2CRB, oa2SH, nu7VH-7TM, nu2MK, nu2AHM, nu2CYX, su2AK, su1BU, eg5SZ

That was the list, beginning with No. 1 and going through No. 41. The prefix symbols were not official. They had been proposed by the IARU, in an effort to get some sort of order into the call situation. They were used but briefly, in 1928 the United States adopted the W-K-N prefixes in agreement with International law.

- W5ej -

AUSTIN CHAPTER 67 QCWA

Edmund Lynch, W5EQD, has notified us of a recent activity that saw Hal Henegar, W5MDL, President of Austin Chapter of QCWA, make presentation of QCWA Centruy Club Award to Nemo Teykl, W5SD.

The event took place during the March 21, 1987 meeting of the Chapter. Nemo also has the QCWA Golden Award, endorsed for 65 years of licensed amateur activity.



In the picture above, Nemo, W5SD, at left and Hal, W5MDL, at left.

FOUND AT A HAMFEST



TALKING ABOUT BALLOTS.

HAVE YOU MARKED AND MAILED YOURS?

QCWA CHAPTER NEWS

NIAGARA FRONTIER CHAPTER 65

Kenneth R. Palmer, K2FJ, 12750 Williston Rd
East Aurora, NY 14052

A sizeable group of Chapter members enjoyed the Christmas luncheon on December 20th. Plates of cookies baked by Dorrie and Slim Griswold were the greatest.

The Board of Directors has voted to send local school libraries a memorial gift of instructional materials in amateur radio, in memory of a Silent Key member.

The Chapter was saddened to receive the report of the loss of its member, Norm Bauman, K2CD.

Try to attend Niagara Frontier Chapter luncheon meetings at the Williamsville Inn, 5447 Main St., Williamsville, each Saturday at noon. Check into our regular Sunday net on 3900 kHz, at 1:30PM, local time.



Pictured above, L-R are Chapter 65 members: Bill Hope, W2EWT; President Slim Griswold, W2SD; Director Carl Maylott, W2YE, and Director Frank Buckley, W2MK!

(Note: It was good to see my fellow Chapter members and, especially to note that they were imbibing iced tea! - Editor, W5EJ -)

PELICAN CHAPTER 128

Donald B. Bice, W4PCO, 5511 18th Ave N, St Petersburg, FL 33710

Topping off a most successful season, Pelican Chapter 128 of St. Petersburg, Florida, went to sea! Our May meeting was held maritime mobile cruising Tampa Bay aboard the Bells of St. Petersburg, a paddle wheel party ship. This luncheon meeting afloat event has become an annual tradition with more and more Pelican members and friends joining in on the fun each year.

As has been our policy, luncheon meetings are suspended for the three summer months. However, the regular first Wednesday breakfast at Granny's meetings and the SAT (Saturday at Ten) two-meter net will be held, as usual, during June, July and August.

Charter member John Smith, W4ACG, and his extensive antique wireless collection, was featured in a full-color spread in the St. Petersburg Times. It is nice to see this well deserved recognition of a great guy!

We do want to thank the many QCWA members who visited us during the winter season, and want all to know that you are most welcome to join the Pelicans for lunch and yarn spinning when you are in the area.

INLAND EMPIRE CHAPTER 130

Bob Rickey, NF6P, 8532 Red Hill Country Club Dr,
Rancho Cucamonga, CA 91730

Chapter 130 held its Spring meeting Saturday, March 14, at the General Hap Arnold Officers Club, at March Air Force Base, California, with President Tord Berg, N6GOT, presiding. It was primarily a social event with 65 members, spouses and guests enjoying the festivities, including a good meal. Phil Beisel, K6PG, and Graham MaConomy, W6BUK, were presented with 65-year Golden Anniversary Certificates. Len Yerger, K6SS, was presented with his 55th Year Golden Certificate.

Len Yerger, Charter Member of Chapter 130 and Past President, gave a detailed history of the Chapter from the pre-chapter meetings up to and including the present. Bob Rickey, NF6P, then gave a short biography on General Hap Arnold (Henry Harley Arnold) after whom our meeting place was named.

Tord Berg, N6GOT, received a certificate at a recent Chapter 154 meeting, awarded for his efforts in bringing many new members into QCWA.

CENTRAL ILLINOIS CHAPTER 59

John M. Vasicak, W9ZEN, 124 N Glen Ave, Oglesby, IL 61348

Central Illinois Chapter 59 met March 28, 1987, at the Country Inn, Minier, Illinois, with 52 members and guests in attendance. Chapter President, W9ZEN, called the meeting to order at 7PM. A moment of silence in memory of members W9PBY and N9AI was observed.

Following a delicious family-style dinner, a short business meeting was conducted. Introductions were made, special recognition was given to two new members of the chapter, K9CEU and N09V. Welcomed back to our meeting after an absence of almost two years was Jim Umstattd, W9CFV, who is recovering after a very serious accident.

Vice-President Bob Backlund, KV9A, surprised W9ZEN, by presenting him with the Golden Anniversary Award and the 50-Years Continuously Licensed Certificate. These awards will be displayed in the shack of W9ZEN in very short order!

Winding up the meeting....by unanimous vote, members chose to return to the Country Inn for the Fall meeting on October 31, 1987. At that meeting new officers will be chosen to guide our Chapter 59 for the next two years. A drawing for prizes was held and the meeting adjourned.



In the picture above, L-R are: John Vasicak, W9ZEN; Bob Backlund, KV9A and Nadine Backlund, XYL OF KV9A, at the Award ceremonies, March 28, 1987.

REMEMBER! MARK AND MAIL YOUR BALLOT FOR ELECTION OF OFFICERS AND DIRECTORS! IF YOU DO IT TODAY YOU'LL BE DOING QCWA A FAVOR!

Barney's Antique Exchange

Managed by Barney Moffatt
W5CJZ

5714 Trail Meadow Drive, Dallas, Texas 75230

Quite a few QCWA Members are interested in the old-times and have suggested that we keep this vehicle to permit QCWA members to swap parts, information and so search for a special bit or part needed to restore, rebuild or go from scratch on old equipment. Barney's Exchange has been popular in this role for more than four years now.

Barney has kept records and corresponded as required to coordinate the whole thing. Whatever you might need in the way of parts, or information, send your requirement to Barney. He'll see that it's published herein, and help in every possible way to see you get those needed items. A few rules for operation of the exchange have been published since the beginning:

- (1) List what you have (or need) clearly
- (2) List what you will accept in trade
- (3) List your asking price if not trade is possible
- (4) If you advertise, hold merchandise for those who will read the Exchange column
- (5) Answer all inquiries

There is no cost to QCWA Members, neither QCWA, its officers, Board of Directors, manager or other agents assume responsibility for loss or misrepresentation to anyone.

MUSEUM piece from the '40s, Ferris Model 32A radio noise & field intensity meter with manual. Perfect cosmetic cdx, need two tubes & batteries for working cdx. Weight about 25 lbs, First \$25 plus shipping charges takes it!

Cress Donbar, K4YL
4908 4th Ave Circle NW
Bradenton, FL 33529
813 746 7055

FOR SALE: 60-year collection of tubes, Eimac; RCA; Taylor; Heinz & Kaufman; Tungsol; Amperex and many others, send SASE for list

Earl M. Reichman, W8NBK
RD 1, Box 218
Dennison, OH 44621

WANTED: KW-1, original only (no mods). Write, asking price, cdx & serial number. I ship!

Johnson Viking Ranger I, mint cdx, only, with manual, write, price & cdx, I ship.

Licens Plates, Ham Radio, call signs, wanted by collector, buy, or many for swap.

Bob Hatter, K7RDH
1702 W. Camelback Rd
Phoenix, AZ 85015

I HAVE two Eimac 250TH tubes never used...asking \$25 each, shipped by UPS Collect

Bud Lawrie, W2OLV
PO Box 275
Bailey Isl. ME 04003

WANTED: Low voltage power xfrmr for Collins 32V-3 transmitter. Also Collins 51B-1, in working cdx or not.

James B. Reid
656 East Madison
Houston, MS 38851

FOR SALE: Weston Twin Meters, new
664 - AC VM & capacity meter
665 - DC VM, mA & ohmmeter.
Millen SWR Bridge #90671 with 0-1mA
Weston meter, graphs, instructions & data. New - Conelrad Ameco monitor, Model COI, Excellent. Make offers

Monroe M. Freeman, W4MGI
7010 SW 16th St
Plantation, FL 33317
305 792 4600

FOR SALE: Radio News, Radio-TV News, Electronic World '41-'63; 73 Magazine, '60-'79; Popular Electronics, '50-'64; Electronics Technician/Dealer, '64-'77; Ham Radio Magazine, '68-'85; CQ, '45-'84; QST, '21-'85, some for '17, '19 and '20. Make offer for all or part, including shipping.

Mrs. Ruth E. Sheer
429 Junell Dr
Sulphur Springs, TX 75482
214 885 6730

FOR SALE: One copy each, "Radio Antenna Engineering" by Edmund A. Laport (McGraw Hill, 1952). "Radio Handbook for those Interested in the Radio Art" (ICS, first edition, 1924) what do you offer?

G. S. Vore, W9QBJ
Box 165
Sister Bay, WI, 54234

FOR SALE: Antique medium wave receiver, mfg by American Radio and research Corp. Range 250-7500 mtrs uses a single 201-A or VT-1. No cabinet. \$125.00. Also, one mercury variable condenser (w/o mercury), made for RCA by Wireless Specialty Apparatus Co. \$25....and, SX-28, military version, not working \$30.00

Harry Lonerich, W4ANL
RT 1, CV-9
Fredericksburg, TX 78624
512 997 7092

WANTED; One WD-11 tube, will pay cash or trade. Have 4/400-A tube.

Alvin C. Demmin
31 Lauterbach Dr
Bartonville, IL 61607
W9MXD

FOR SALE: Antique Keys, Sounders Blue Racer soz Vibroplex with solid yellow brass base (all parts like new) Send fifty cents for catalog sheets listing fifty items of telegraph equipment. Will buy your telegraph equipment, working or not.

W. C. Hess, W6CK
Box 19
Pasadena, CA 91102

One of the great things about ham radio is that the entire family can get into it. We've received a picture of a QCWA family, pictured below:



Above, the Freedman Family. At left, is Monroe, W4MGL; center, Roslyn, W4MOU and at right, Richard, N2HH.

Congratulations to a wonderful family. Only one thing, who has priority to the rig?

MEMBERS NEWLY ENROLLED IN QCWA

01-14-87	20,215	Marian T. Jennings	WB7SLL	Olympia, WA	A. L. Jennings	W7EZJ
01-16-87	20,216	Richard W. Rand	K5CDC	Alexandria, LA	Joe Fleniken	K5MMV
	20,217	Charles R. Carey	WA0DX	Norfolk, NE	Bob Atwood	K0IXY
	20,218	Woodrow D. Booher	K19G	New Castle, IN	-	-
	20,219	Reid W. Simmons, Jr	KV3A	Mogadore, OH	-	-
	20,220	Franklin D. Grant	KA4STT	Stone Mountain, GA	-	-
	20,221	William G. Graves III	W0QZZ	St. Louis, MO	J. Burkhardt	-
	20,222	James P. Brooks	WA4BEV	Valdosta, GA	-	-
	20,223	G. William Tunnell	W3DVC	Springfield, PA	Russell E. Cramer, Jr	-
	20,224	Frank Hidi, Jr	WA2BLS	Edison, NJ	-	-
	20,225	Stephen J. Antosy	K6HPA	San Marion, CA]	-	-
	20,226	Garland F. Grabert	KB7CU	Bellingham, WA	-	-
	20,227	David M. Jaksa	W0VX	Marion, IA	-	-
	20,228	August F. Hugu	WA5BTO	Houston, TX	W. H. Pearre	K5MMP
01-20-87	20,229	Stanley Irving Allen	W2CZS	Barnegat, NJ	-	-
	20,230	Herbert F. Bernard	W4JXA	Miami, FL	Arthur Rauch	W4VZ
	20,231	Eugene L. Skelton	W4NGM	New Port Richey, FL	Frederick Morgan	W8FOU
	20,232	Charles R. Beals	W1TFK	Rockland, ME	Carl Watson	W1NV
	20,233	Byron J. Anderson	W9MEI	Murray, UT	Wm. P. Vaughan	-
	20,234	Maryellen H. Vaughan	KA7ZRW	Salt Lake City, UT	Wm. P. Vaughan	-
	20,235	M. Grant Workman	AC7I	Salt Lake City, UT	Wm. P. Vaughan	-
	20,236	James Hutton Sepull, SR	K8ZRJ	Alpena, MI	Ralph	W8NXB
	20,237	Mary B. Smith	K1ABO	South Chelmsford, MA	-	W1ALE
01-22-87	20,238	Huie A. Miller	W5BWA	Alexandria, LA	Joe Fleniken	K5MMV
	20,239	Richard G. Fenner	W5AI	Houston, TX	Tom Sellers	K5CNU
	20,240	Eberhard Warnecke	DJ8OT	D-5620 Velbert 1, FRG		DL8AJ--DL9AR
	20,241	Patrick D. Keating	WB8KWD	Fremont, OH	A. M. Cooper	W8BHL
	20,242	George Watson	WA5C	Claremore, OK	-	-
	20,243	Joe Mehaffey	K4IHP	Atlanta, GA	Ted Heithecker	W5EJ
01-26-87	20,244	Michael E. Moon	KE7LL	Bonner, MT	E. Phil Coulter	W7PX
	20,245	James H. Stevens	W4HCQ	Ocala, FL	-	-
	20,246	Ian B. Hopkins	N4JCB	Norfolk, VA	-	-
	20,247	Bennett G. Davenport	W4GCJ	Columbia, SC	Joseph Walker	W4DNR
	20,248	Ron F. Winke	WB8NMK	Fremont, OH	-	-
01-27-87	20,249	Harold A. Fenstermaker	K4UNJ	Murphy, NC	-	-
01-17-87	20,250	Zachary Cohen	WA6OHN	Agoura, CA	Ralph Held	K6QS
01-27-87	20,251	Floyd Dean Craig	W0ILR	Longmont, CO	Joe Munizza	K85EJ
	20,252	Frank M. Masters, Jr	W3ABF	Harrisburg, PA	Glenn Kurtzenduge	K3SWZ
	20,253	Michael R. Dryer	WB8CWE	Cedar Springs, MI	Dayton Chapter 9	-
	20,254	Wendell L. Morrill	NV7Y	Bozeman, MT	Ian Elliot	W7JMX
	20,255	Richard P. Peters	WA1PWF	Norfolk, MA	-	-
	20,256	Morley E. Naylor	K7UM	Salt Lake City, UT	Wm. P. Vaughan	W7CKD
01-28-87	20,257	Barton W. Stein	WA2HRC	Larchmont, NY		KA2IXW - W2ICW
01-30-87	20,258	Walter P. Cleland	K5WYG	Richardson, TX	-	-
	20,259	Michael S. Leibovitz	WA9EVF	Chicago, IL	-	-
	20,260	Hans-Dieter Schroder	DL3SR	D-6544 Kirchberg, FRG	Boymann	-
02-02-87	20,261	Philip F. Falcone	W2HIO	Jamaica, NY		KA2IXW - W2ICW
	20,262	Willard L. Thorell	NV7D	Salt Lake City, UT	Wm. P. Vaughan	W7CKD
	20,263	Michael L. Saville	W7CFL	South Jordan, UT	Wm. P. Vaughan	W7CKD
	20,264	Daryl Duffin	NU7X	North Salt Lake, UT	Bill Vaughan	W7CKD
	20,265	Charles T. Chambers	W7LFI	Layton, UT	Wm. P. Vaughan	W7CKD
	20,266	Thurman H. Walker	WA6BDY	Hooper, UT	Wm. P. Vaughan	-
	20,267	Robert Paul Ziesing	W6EOF	Sky Forest, CA	Tord Berg	N6GOT
	20,268	W. Dean Figgins	WA7EPU	La Mesa, NM	-	-
02-04-87	20,269	Duglas J. Sanders	W3FYA	Baltimore, MD	-	-
02-02-87	20,270	Estle A. Williams	N4PHV	Birmingham, AL	-	-
	20,271	Hugh Edward Riggs	W8MCA	Washington Grove, MD	Ted Heithecker	W5EJ
	20,272	David H. Thornhill	W5KCX	Baton Rouge, LA	El Charlton	W5MD
	20,273	Robert S. Saunders	WA2JUG	Hawthorne, NY	-	-
	20,274	Robert S. Beach	K7TUH	Sedro Woolley, WA	Harold Jenny	KL7BCS
	20,275	John Uhl	KV5E	Gretna, LA	Phil Spencer	W5LDH
02-03-87	20,276	Robert Reed	WB2DIN	Jackson, NJ	J. J. Altman	W2DX
	20,277	George V. Johnson	AC20	South Farmingdale, NY	Kate Saul	-
	20,278	John O. Galloup	KD4FO	Naples, FL	George Slade	W1GOG
	20,279	Carl V. Spencer	W7JHM	Salt Lake City, UT	Wm. P. Vaughan	-
	20,280	Francis A. Brogan	KD5NW	San Antonio, TX	Floyd Roland	-
	20,281	Charles A. Wilson, Jr	K4CAV	Greensboro, NC	Henry G. Elwell, Jr.	NAUW
	20,282	Charles L. Starke	KD2RI	Briarcliff, NY	-	-
	20,283	Isaac Hathaway, Jr	W2IH	Syracuse, NY	Joseph P. Molinaro	W2FUU
	20,284	William E. Good	W2CVI	Liverpool, NY	Joseph P. Molinaro	W2FUU
	@0,285	Forbes B Simpson	VE3EOD	Scarborough, ONT	-	-
	20,286	Robert W. Starnes	W9PQB	Herrin, IL	-	-
	20,287	Frank J. Klac	W4YSH	Clearwater, FL	-	K4JMH
02-05-87	20,288	Stephen B. Ray	K4JPN	Warner Robins, GA	Robert E. Myers	K3HWL
02-06-87	20,289	William T. Jackson	W6HDP	Phoenix, AZ	Arizona Chapter	-
	20,290	Orville L. Smirl	W5BP	Little Rock, AR	-	-
	20,291	Jim Cooper	KC5FQ	Sandy, UT	-	-
	20,292	Raymond G. Spilman	W7MDA	Richland, WA	J. A. Avery	W7BGH

MEMBERS NEWLY ENROLLED IN QCWA

02-09-87	20,293	Jack Robinson	W0JRZ	Creston, IA	Bob Beals	K0DBW
	20,294	John A. Morhart	KA4TAG	Winter Park, FL	Lewis B. Smith	W3EAS
	20,295	Jude T. Bradley	WA2YNO	Newton, NJ	John W. Richardt	W2WIY
	20,296	Eddie Gigliotti	W3APE	Bangor, PA	Hammie Richardt	W2WIY
	20,297	Frank A. Hernandez	W2MOF	Newton, NJ	Hammie Richardt	W2WIY
	20,298	Donald Lawns	W2HUX	Blairstown, NJ	Hammie Richardt	W2WIY
	20,299	Charles W. Brewer	K5KNC	Lubbock, TX	-	-
	20,300	Ed Brown, Jr	K8ZCS	Toledo, OH	T. H. Althoff	K8OSH
	20,301	John J. Ryan	W30ZZ	Temple Hill, MD	Ethel Smith	K4LMB
	20,302	Joseph McConville	WD4MFA	Sarasota, FL	Robert L. Bookwalter	W4NWF
02-11-87	20,303	Howard T. Douglas	W7UCX	Tucson, AZ	-	-
	20,304	Phyllis Douglas	K7SEC	Tucson, AZ	-	-
	20,305	Donald R. Pahl	KV7Q	Miami, FL	Jim Gundry	W4JM
	20,306	Kenneth N. Buckley, Sr	WB6SXY	Long Beach, CA	Tord Berg	N6GOT
	20,307	Donald E. Norman	AF8B	Elyria, OH	Don Sealy	W8QKO
	20,308	William L. Donnelly	NS2N	Southampton, NY	Ted Heithecker	W5EJ
	20,309	William J. Gill	W9RMP	Riverton, IL	-	-
	20,310	Carl W. Ellis	W1UNQ	Rumford, ME	-	-
	20,311	L. Russell Clapp	K5ULG	Fort Worth, TX	Kieth	W5IU
	20,312	Mary B. McKee	WA5CRU	Pineville, LA	-	-
02-13-87	20,313	Fielding E. Behrman	K7LNS	Milwaukie, OR	-	-
	20,314	Joseph R. Ferris	K9AQX	Appleton, WI	-	W9YFW
	20,315	James R. Kaderbek	W8DBD	North Olmsted, OH	Don Sealy	W8QKO
	20,316	Kenneth B. Pendleton	AA4OH	Reedville, VA	-	-
	20,317	Ernest A. Koch	W80TZ	Cleveland Heights, OH	Don Sealy	W8QKO
	20,318	Dan Langford	WA6VPJ	Rancho Cordova, CA	-	-
	20,319	Robert W. Shaw	W9EII	Rankin, IL	-	-
	20,320	Douglas G. Jones	W3IVH	Deerfield Beach, FL	-	-
	20,321	Vincent E. Roebuck, Sr	KP2AH	Christiansted, StC., VI	Ted Heithecker	W5EJ
	20,322	Nicholas Ponella	WA2YEG	New City, NY	-	KA2IXW - W2ICW
02-17-87	20,323	Richard J. St. Amant	W0MR	White Bear Lake, MN	-	-
	20,324	Earnest H. Nail	WT5Q	Garland, TX	-	W5SRQ
	20,325	Rhea S. Zitting	K7RJB	Salt Lake City, UT	Marving C. Zitting	W7MR
	20,326	James B. Didrikson	K1VJL	Hamden, CT	Nutmeg Chapter	-
	20,327	Sperry B. Skilton	W1KKG	Cheshire, CT	-	-
	20,328	Harrison W. Moore, Jr	W2JQS	North Tarrytown, NY	Gus Gironda	W2JE
	20,329	Cleo N. Bushey	K31YJ	Linthicum, MD	C. S. Marie	W3EPR
	20,330	Pat Griffin	AA4PG	Birmingham, AL	-	-
	20,331	Richard I. George	W0TRF	Minnetonka, MN	Clyde F. Norton	W0ELA
	20,332	Wendell H. Rushton	W4ZAA	Miami, FL	Rianch Randles	W4GXZ
02-18-87	20,333	William D. Roig	WB4ZZI	San Jose, Costa Rica	Wes Randles	W4COW
	20,334	Santiago Arroyo	WA4KSD	Terrace, FL	Wes Randles	W4COW
	20,335	Joseph V. Wing	K8AMU	Monroe, MI	-	-
	20,336	William A. Moss	KE8DI	Petoskey, MI	-	-
	20,337	Joseph Ronald Lewis	N7RU	Salt Lake City, UT	Wm P. Vaughan	-
	20,338	Ken Cole	KY7J	Orofina, ID	Ken Hungerford	W7CVJ
	20,339	Richard Whynall	W4PAS	Londonderry, NH	-	-
	20,340	Glenn W. Flanagan	W9GVP	Eureka, IL	-	-
	20,341	Leo Bodian	K6BAQ	Tiburon, CA	-	-
	20,342	Frederick W. Leedham	W1WOX	Clearwater, FL	-	K4JMH
02-19-87	20,343	Carl D. Ferree	WA6PPG	Spring Valley, CA	Jerrie Stover	K6INK
	20,344	M. Lynn Johnson	K7KC	Sandy, UT	Wm. P. Vaughan	-
	20,345	Hal C. Becker	W5GMR	Ft Collins, CO	Gene Worth	W0AGU
	20,346	Harrison T. C. Hodge	W2CQR	New Milford, NJ	-	-
	20,347	James B. Allen	KC7TY	Coupeville, WA	Orval Wood	W6ASV
	20,348	David Edwin Power	WZ6T	Vacaville, CA	-	-
	20,349	Williar S. Purdy, Jr	W5OXQ	Port LaVaca, TX	-	W5GEL
	20,350	Merle D. Gray	N8BBE	Galion, OH	-	-
	20,351	Josephus Light	W8ELO	Zephyrhills, FL	Charles N. Baptist	W1PB
	20,352	Edward W. Cushing, Sr	W1SHW	Bristol, CT	Milt Chaffee	W1EFW
02-20-87	20,353	George Robert Ritter	N7HNW	Sweet Home, OR	-	-
	20,354	Herman F. Milatz	W2TLC	Merrick, NY	-	-
	20,355	Stephen R. Cook	NM8U	West Salem, OH	-	-
	20,356	R. S. White, Jr	W4TYC	Roanoke, VA	Leland Smith, Jr	W4YE
	20,357	John J. Stewart	WD5JFY	Shreveport, LA	Dwight M. Brown, Jr	-
	20,358	Michael W. Vinocur	W2HLD	Herndon, VA	-	-
	20,359	Virginia V. Sherrill	K6MQS	Pasadena, CA	Leland Smith	W5KL
	20,360	Max Ofrey	4X4MO	Haifa, Israel	Shimshon Lotan	4X4GF
	20,361	Angelo M. Johnson	K1NLQ	Spwisch, MA	-	-
	20,362	Wilbur J. C. Fahey	K7FY	Slat Lake City, UT	Ted Heithecker	W5EJ
02-23-87	20,363	Paul J. Kiesel	K7CW	Midland, TX	-	-
	20,364	Ozzie Diaz	WB6ICH	Petaluma, CA	-	-
	20,365	James W. Wilcox	K7ORK	Sandy, UT	Wm. P. Vaughan	-
	20,366	Jugh D. Keenan	WA2HRG	Mamaroneck, NY	-	KA2ICW - W2ICW
	20,367	William Tyler Thompson	W0NYG	Leavenworth, KS	Arno Fahshultz	W0FDJ
	20,368	Vern Van Valkenburg	W0VV	Lakeside, CA	-	-
	20,369	George B. Bean	W5HC	Little Rock, AR	-	-
	20,370	Willard A. Revaz	W1TX	Prospect, CT	Blanch Randles	W4GXZ
03-03-87						

MEMBERS NEWLY ENROLLED IN QCWA

03-03-87	20,371 Charles B. Orr, Jr	W4NND	Fairfax, VA	Bill Grenfeld	W4GF
	20,372 Bruce Kehr	W7BYG	Chelan, WA	-	W7ENW
03-05-87	20,373 T. L. Dickson	AA4QC	DeLeon Springs, FL	Adis M. Henry	W4PFJ
03-03-87	20,374 Michael K. Scism	WV5M	Houston, TX	-	-
03-05-87	20,275 Lew Cook	K4TNE	Wildwood, GA	-	-
	20,376 Ray E. Taylor	NT5Z	Keller, TX	Ted Heithecker	W5EJ
	20,377 Donald B. Miner	KB4VTU	Naples, FL	-	-
03-09-87	20,378 Howard Bromberg	K1VST	Providence, RI	Gladys Chase	W1VPF
	20,379 John A. Miller, Sr	KD7YF	West Jordan, UT	Wm. P. Vaughan	-
	20,380 Phil Bullock	K7PB	Salt Lake City, UT	Bill Vaughan	-
	20,381 Bailey Dickinson	KB4UGW	Leeds, AL	-	-
	20,382 Henry V. Alvernaz	W6ZQK	Novato, CA	-	-
	20,383 Lee V. Krutz	W6DB	Hemet, CA	Leo I. Meyerson	W0GFQ
	20,384 Jesse T. McMahan	K1FR	Beavercreek, OH	Leland W. Smith, Jr	W4YE
	20,385 Eddie Bertram	W5PIL	Beeville, TX	Henry Binz	W5HQ
03-10-87	20,386 Russell G. Berg	K7VSZ	Greenbank, WA	Earl Thoms	W7DJ
03-11-87	20,387 Stephen H. Nealon	K0GXZ	St Louis, MO	-	-
	20,388 Jack R. A. Broussard	K5EGW	Lafayette, LA	-	W5FCG
	20,389 Robert S. Howe	K1MZB	South Portland, ME	Carl Watson	W1NV
03-12-87	20,390 Lester H. Diskoskey	WA8DIB	Galion, OH	-	-
	20,391 Walter H. Williams	N1DZU	Newton Highlands, MA	-	-
	20,392 George A. Klein	WR6D	Kentfield, CA	-	W6HVX
	20,393 Milton J. Flowers	K8NEU	Edgerton, OH	-	K9ZBM
	20,394 James H. Snow	K9UFO	Batavia, IL	Don	K9UQN
	20,395 Karl Bartholomew	W8ECQ	Utica, MI	Stanley A. King	W8POZ
	20,396 Martin E. Zimmerman	AG9Q	Evanston, IL	-	KA21XW
03-13-87	20,397 Ted L. Pounders	K14M	Florence, AL	-	-
	20,398 Richard E. DuBroff	W9XW	Rolla, MO	-	-
	20,399 Ronald G. Johnson	KC7PA	Brigham City, UT	Bill Vaughan	W7CKD
	20,400 Shlomo Goldstein	4X4LF	Negev, Israel	-	-
	20,401 Roland H. Metzner	K3RM	Milford, DE	-	-
	20,402 Donald V. Sehulster	W4LSC	Kingman, AZ	Ted Heithecker	W5EJ
	20,403 William E. Hughes	XE2WH	Mission, TX	Herb Gleed, Jr	W6FQ
	20,404 Donald D. Hed	K0ZTI	St Charles, IL	-	-
	20,405 Roger D. Hoestenbach, Sr	W5EGS	Houston, TX	-	-
	20,406 Philip J. Moldofsky	K30JK	Glenside, PA	-	-
	20,407 James R. Harmon	WA4HQP	Rockford, TN	Henry H. McDonald	K4DJV
	20,408 William J. Wontroba	K9PAJ	Westmont, IL	-	-
03-16-87	20,409 Hubert J. Topliff	W1LIM	Auburn, NH	Sam K. Lackoff	-
	20,410 Rex D. Loudon	W0NYV	Affton, MO	Vinton Johnson	W0FWY
	20,411 Lawrence D. Gerould	W6CZ	Sun City West, AZ	Jaxon E. Eberhart, Jr	-
	20,412 William O. Wade	WA5DCH	Arlington, TX	-	-
	20,413 Ted R. Warren	N7FES	Newport, OR	Norris Bundy	W7ILE
	20,414 Myron E. Travis	W7JQV	Laguna Hills, CA	K. E. Wright	W8NOT
	20,415 William H. Sherwood, Jr	W6GVK	Coeur D'Alene, ID	A. V. Bible	WA6BDW
	20,416 Edward H. Bill, Jr	W1SPQ	Hyannis, MA	Onie Woodward	W1ZEN
03-17-87	20,417 Jamnone Sowanna	HS1JN	Bangkok, Thailand	-	-
	20,418 Beverly Jean Darbyson	WB4MOY	Bushnell, FL	-	W4ILE
	20,419 John William Darbyson	WB4MOX	Bushnell, FL	-	W4ILE
	20,420 Earl M. Shugarman	N6IZH	Rancho Mirage, CA	-	-
	20,421 Lester Zentz	K0LPG	Cooperstown, ND	-	-
03-18-87	20,422 Albert Travis	WA8CHT	Cedar, MI	Stanley A. King	W8POZ
	20,423 William T. Weston, Jr	W1KAM	Sarasota, FL	El Charlton	W5MD
	20,424 Albert E. Harbour	WA8COR	Mt Clemens, MI	-	-
	20,425 Dennis D. Carr	WA0AVQ	North Platte, NE	Bob	W0EUT
03-23-87	20,426 Kenneth H. Reidel	K4VNE	Land O Lakes, FL	Blanche Randles	W4GXZ
	20,427 Charles T. Wooten	WA4IMC	Panama City, FL	Blanche Randles	W4GXZ
	20,428 Edgar H. Preston	W1TTU	Penacook, NH	-	-
	20,429 Roy Staley	W7HLP	Langley, WA	George A. Onsum	W7IC
	20,430 Fred Wilkinson	VE3AJW	Simcoe, ONT	-	-
	20,431 Stanley J. Teich	K2IRS	New Hempstead, NY	KA21XW	W2ICW
	20,432 Robert E. Sayko	WN7SKD	Everett, WA	George A. Onsum	W7IC
	20,433 Donald Vucasovich	K7SIK	Anaconda, MT	Ken Kopp	-
	20,434 Doris S. Hodnett	K4IBS	Chattanooga, TN	C. S. Waller	K4MRZ
	20,435 Robert A. Angsten	N9FZK	Wauapaca, WI	-	W9VTL
	20,436 William R. Nodder	W6FKX	Walnut Creek, CA	E. G. Lambert	W6CJC
	20,437 Walter J. Hola	WA8COJ	Garfield Heights, OH	George	W8PJJ
03-19-87	20,438 John Vitale	K2LUG	Newton, NJ	John Richardt	W2WIY
07-23-87	20,439 Harold A. Hutchinson	W1BHA	Cape Elizabeth, ME	-	-
	20,440 Donald E. Hinds	W1FRZ	Stoughton, MA	-	-
03-26-87	20,441 Peter R. Jordahl	K5GM	Austin, TX	Edward Lynch	W5EQD
	20,442 Robert W. Truitt	WA4A	Cocoa Beach, FL	-	-
	20,443 Charles B. Cox	W4RSG	Miami, FL	Arthur R. Rauch	W4VF
	20,444 Winston C. Goldman	K3WG	Huntingdon Valley, PA	John Hartmann	W2PGI
03-25-87	20,445 Lawrence L. Staats	WA9CNA	Mequon, WI	Richard Regent	K9GDF
	20,446 Tom Judson	WA5CXG	Austin, TX	Edward C. Lynch	W5EQD
	20,447 Alfred G. Smith	NR2K	Vero Beach, FL	-	-
	20,448 Ken Dunn	K4SVX	Milton, FL	John Zwaska	W4WKQ

MEMBERS NEWLY ENROLLED IN QCWA

03-25-87	20,449 C. Thomas Bryson	WA2PMB	Fort Walton Beach, FL	John Zwaska	W4WKQ
	20,450 Jesse E. Hoffman	W4ZLY	Fort Walton Beach, FL	John Zwaska	W4WKQ
	20,451 Mike Kirby	K4VFX	Panama City, FL	John Zwaska	W4WKQ
	20,452 Joe Rountree	W4OXE	DeFuniak Springs, FL	John Zwaska	W4WKQ
03-26-87	20,453 Richard E. Treffeisen	K4HOG	North Myrtle Beach, SC	-	-
	20,454 Albert Ira Parkes	K7ERR	Bountiful, UT	Bill Vaughan	-
	20,455 Bernard A. Yocke	K9KVG	Aurora, IL	-	-
	20,456 Richard C. Gronberg	WA4JXG	Winston-Salem, NC	-	-
	20,457 John A. Mezak	K2RDX	San Jose, CA	-	K6VHP
03-30-87	20,458 John Gold	WB2AFS	Binghamton, NY	-	-
	20,459 Francis R. Berry	K5KKF	Howe, OK	Howard W. Baker	W5AS
	20,460 Zigmund Porada	WA2ZWB	Whiting, NJ	-	-
	20,461 George O. Walcott	WA8BMG	St Clair, MI	-	-
	20,462 Fred T. Flynn	K1GGG	Glenbrook, CT	-	-
	20,463 Bois R. Council	K0ATZ	Woodinville, WA	Herb Williamson	K7LYT
	20,464 William Thomas Mackay	N8FOX	Springlake, MI	-	-
	20,465 Richard P. Sevin	N5GHX	Baton Rouge, LA	-	-
03-31-87	20,466 Greef R. Beckham	W7FVM	St George, UT	Bill Vaughan	-
04-03-87	20,467 Stan Reubenstein	WA6RNU	Denver, CO	-	-
04-07-87	20,468 James E. Brazee	K0CWW	Pender, NE	-	-
04-03-87	20,469 Linwood E. Mergist	N5CAS	Abbeville, LA	-	-
04-06-87	20,470 Samuel S. Garrison	KB4FEX	Penscola, FL	John Zwaska	W4WKQ
	20,471 Stephen S. Line	K9BR	Granite City, IL	-	-
	20,472 George D. Loudon	N9CCI	Omro, WI	-	-
	20,473 Robert N. Parker	K7TNJ	Terry, MT	-	W7LZY
	20,474 Luther P. Quick	WA2DTA	Hackettstown, NJ	Richardt	W2WIY
	20,475 Robert W. Gestner	K9YTS	Milton, WI	Richard Regent	-
	20,476 Dan DeWitt	N0GIC	Wheatridge, CO	-	-
	20,477 Bobby Webb	WB5B	Conroe, TX	-	-
	20,478 Richard A. Schmiedt	KC4WX	Mt Pleasant, SC	-	-
	20,479 Robert S. Korfhage	W7CHI	Walla Walla, WA	Pat Stewart	W7GVC
04-07-87	20,480				
	20,481 Fred L. Anderson	K4JZP	Belvidere, NJ	Hammie Richardt	W2WIY
	20,482 Roger C. Holloway	W9VBJ	Michigan City, IN	-	-
	20,483 John S. Thrower	K1IYA	Gila, NM	-	-
	20,484 John A. Dunlap	K8RRQ	Toronto, OH	-	W8CWY
	20,485 Solomon B. Petersen, Jr	N3CUY	Suitland, MD	-	-
	20,486 Timothy J. Sullivan	NC9F	Downers Grove, IL	-	-
	20,487 Bruce F. Cushman	K1DYA	Warwick, RI	-	-
	20,488 Michael D. Benedict, Jr	W1QJL	Braintree, MA	Onie Woodward	WIZEN
	20,489 Stephen Herbach	N1DST	Singer Island, FL	-	-
	20,490 Jack Martin	VE3AXU	Beaverton, ONT	-	-
	20,491 Glenn R. Kurzenknabe	K3SWZ	New Cumberland, PA	G. David Germeyer	W3BJG
	20,492 Ray Chambrey	K8JKE	Toledo, OH	Stanley Head	K801
	20,493 Luther M. Lott	N5BNK	Little Rock, AR	Tom Spencer	W5IGM
	20,494 A. C. Gibbons	KA5MMA	North Little Rock, AR	-	K5TMI
	20,495 Akihito Ioda	JA1EUL	Tokyo, Japan	-	-
04-09-87	20,496 Royal K. Tice	W9WJX	Elm Grove, WI	Les Peterson	W9YCV
	20,497 Joseph Gonzalez	KP4YT	Miami Beach, FL	Blanche Randles	W4GXZ
	20,498 Jonathan S. Arney	WB3LHI	Springboro, OH	-	-
04-01-87	20,500 Grant S. Black	WA6EEP	El Granada, CA	Esther Given	W6BDE
	20,501 John F. O'Shea	W8JZH	Toledo, OH	Ken Wright	W8NCT
	20,502 Earl E. Hemenway	K7KVV	Aurora, OR	Frances L. Dillman	K7TWD
04-15-87	20,503 John Alan Facella	K9FJ	Cary, IL	Ted Heithecker	W5EJ
	20,504 Lawrence R. Schumacher	W7OZH	Bozeman, MT	Ian Elliot	W7GMX
	20,505 Arthur Borges	WA6UNC	Long Beach, CA	Gene M. Stephens	KA6HOQ
	20,506 William E. Larwood	W0JZN	Kansas City, MO	Bill McGrannahan	K0ORB
	20,507 Robert F. Porter, Sr	K7THW	Everett, WA	R. Hoskin	W7ROL
	20,508 James H. Wilson, Sr	KE7UB	Seattle, WA	Ward Weiland	W7GEY
	20,509 Mitchell Misiak	WB2GNA	Massapequa, NY	Hugo Landerer	W2IGH
	20,510 Albert A. Skwiertz	W9QHN	Trempealeau, WI	Leslie E. Jenks	W9AKY
	20,511 Martin Wincott	K2BRY	Harrison, NY	KA21XW -	W21CW
	20,512 James W. Young	WB6FNI	Wrightwood, CA	Leo I. Meyerson	W0GFQ
	20,513 Donald R. Miller	K7TFW	Cheyenne, WY	-	W7SQT
	20,514 Paul Kenneth Isaacs	W2JGQ	New York, NY	KA21XW -	W21CW
	20,515 Robert E. Taylor	K0GGM	Wichita, KS	Ed Engle	W0MYM
	20,516 Al Dilley	K1ADQ	Lyndonville, VT	-	-
	20,517 James D. Hutchison, Sr	WA2ZGO	Phillipsburg, NJ	Hammie Richardt	W2WIY
04-16-87	20,518 Arthur James Hay	W2JTH	Berlin, MD	-	-
	20,519 Herbert F. Strout	W1DEO	Cape Elizabeth, ME	Carl Watson	W1NV
04-22-87	20,520 Carey H. Bryan	N0HMP	Greeley, CO	-	-
	20,521 Russell W. Miller	K4YEO	South Pittsburg, TN	Charles E. Curle	AD4F
	20,522 Kevin Gunin	WV5Z	Bedford, TX	-	-
	20,523 Leo K. Willis, Jr	K5UCO	Austin, TX	Edmund C. Lynch	W5EQD
	20,524 George J. Zins	K4EEP	Naples, FL	-	-
	20,525 F. Martin Hankins	W5HTY	Warren, AR	-	-



QUARTER CENTURY WIRELESS ASSOCIATION, INC.

1409 COOPER DRIVE
IRVING, TEXAS 75061-5527
PHONE: (214) 438-8038

For Office Use Only!

Membership Number _____

Date _____

Year First Licensed _____

Deposit Record _____

This Form is for Use by
UNITED STATES APPLICANTS ONLY
Form 11AG May, 1987

This form to be used after
July 1, 1987

I, _____, _____, having
(please print) (present call sign)
been a licensed radio amateur 25 or more years ago, and presently holding the amateur call listed above (it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA. I understand that proof of original date of licensing is required and is being submitted herewith. My complete mailing address is:

Street Number and Name _____ City _____ State _____ Zip _____
I will keep QCWA Headquarters advised of any change in address and/or call sign. My first Amateur license was issued (date) _____, Call Sign issued _____
Additional calls held _____
A list of all QCWA Chapters is provided with new member materials. If known, please identify the Chapter with which you expect to affiliate _____.
Proposed by (not required) _____ Signature _____

SCHEDULE OF FEES

	Amount Dollars
QCWA dues for a one-year period	\$12.00
or, QCWA dues for a two-year period	\$20.00
or, QCWA dues for a three-year period	\$25.00
or, QCWA Life Membership	\$125.00
or, QCWA Life Membership, time pay plan (LTP) Three equal payments of \$45 each, to be completed in one year!	\$135.00
or, QCWA Family membership for a 3-year period See QCWA by-law, Article I, Sec 2(c) for eligibility*	\$10.00
or, QCWA Family Life Membership*	\$50.00
or, QCWA Family Life Membership, time pay plan Three equal payments of \$20 each, to be completed in one year*	\$60.00
After selecting one of the above plans, be sure to include initial registration charge for all new members	 \$3.00

Three styles of regular pins are available and may be ordered with your application for membership. Mark the one desired below. Allow a minimum of six weeks for engraving & delivery

Tie-tac _____	Screw button _____	Safety-pin _____
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* QCWA PUBLICATIONS ARE NOT SUPPLIED TO
FAMILY MEMBERS!

ALL TYPES OF PINS
ARE \$9.00 EACH!

Total amount enclosed _____

PLEASE FURNISH THE FOLLOWING INFORMATION

Date of birth _____, Birthplace _____
Present occupation/business _____
If retired, what was major life work? _____
Hobbies _____
Other organizations you are affiliated with _____



QUARTER CENTURY WIRELESS ASSOCIATION, INC.

1409 COOPER DRIVE
IRVING, TEXAS 75061
PHONE: (214) 438-8038

For Office Use Only!

Membership Number _____

Date _____

Year First Licensed _____

Deposit Record _____

THIS FORM IS FOR USE BY
INTERNATIONAL QCWA APPLICANTS ONLY

FORM 11AG

May, 1987

This form to be used after
July 1st, 1987

I, _____, having
Print name as you wish to be listed, No professional or military titles Present amateur call
been a licensed radio amateur 25 or more years ago, and presently holding the amateur call
listed above (it is not necessary to have been licensed the entire 25 years) hereby apply for
membership in QCWA. I understand that proof of original date of licensing is required and is
being submitted herewith. My complete mailing address is:

Street Number and Name _____

City _____

Province/State _____

Country _____

I will keep QCWA Headquarters advised of any change in address and/or call sign. My first
Amateur license was issued _____, Call Sign issued _____.
Additional calls held _____.

A list of all QCWA Chapters is provided with new member materials. If known, please identify the Chapter with which
you expect to affiliate _____.

Proposed by (Not Required) _____

Signature _____

SCHEDULE OF FEES

Amount
Sent With
Application

\$3.00

Initial registration charge required of all new members
select one of the following membership fee plans:

QCWA Dues for a 3-Year period

\$10.00 _____

or, QCWA Life Membership

\$50.00 _____

or, QCWA Life Membership, time pay plan

\$60.00 _____

Three equal payments of \$20 each, to be
completed in one year.

QCWA PUBLICATIONS ARE NOT FURNISHED UNLESS ORDERED
WITH PREPAID POSTAGE. SERVICE CHARGES ARE:

QCWA NEWS, 3 Years, by airmail

\$28.00 _____

ALL FEES MUST BE MADE IN U. S. FUNDS, PAYABLE AT
A U. S. BANK.

TOTAL _____

PLEASE FURNISH THE FOLLOWING INFORMATION:

Date of birth _____, Birthplace _____

Present occupation/business _____

If retired, what was major life work? _____

Hobbies _____

Other organizations you are affiliated with _____

*EFFECTIVE FEBRUARY 15, 1986. Applicants having mailing addresses
without U. S. ZIP-CODE ARE CONSIDERED TO BE INTERNATIONAL MEMBERS.

MEMBERSHIP AWARDS AND SUPPLY INFORMATION

CERTIFICATES AVAILABLE TO MEMBERS

MEMBERSHIP CERTIFICATES, numbered in serial order are issued to each member. Numbers are not re-issued except to the same one to whom they were first issued.

QCWA GOLD CERTIFICATES celebrate the 50th anniversary of your first license, issued to eligible members upon proof of such licensing. Certificate issued without charge.

ENDORSEMENTS for the Golden certificate, in 5-year increments, 55-60-65-70-75 year. The endorsement sticker are free of charge to eligible members.

GOLDEN 50-YEAR CERTIFICATE FOR CONTINUOUS LICENSING is available to eligible members upon submission of proof of licensing. There is a \$5 fee. Proof requires a list of all calls, years held and other pertinent information.

QCWA CENTURY CLUB CERTIFICATE is issued to QCWA members whose age when added to the number of years as a member of QCWA equal 100 or more. There is no charge for the Certificate.

MERITORIOUS AWARD is issued by Headquarters, upon the request of any Active QCWA Chapter, one such award per chapter each year. The award may be given to Chapter members for unusual dedication to QCWA & Amateur Radio. There is no charge for the Certificate.

OPERATING AWARD CERTIFICATES

QCWA Operating Award certificates are issued to QCWA members by the Activities Manager. Proof of eligibility is required.

QCWA WORKED 50 STATES awards are issued to QCWA members who have contacted members in each state of the Union.

QCWA WORKED 100 MEMBER awards are issued to QCWA members upon proof of eligibility

QCWA WORKED 60 CHAPTER awards are issued to QCWA members upon proof of eligibility

QCWA WORKED 500 MEMBER awards are issued to QCWA members upon proof of eligibility

IN ADDITION, PLAQUES ARE AWARDED TO THE HIGHEST SCORING MEMBER FOR BOTH THE PHONE & CW QSO PARTIES. Runners up receive certificates.

THE FOLLOWING SUPPLIES MAY BE PURCHASED BY QCWA MEMBERS

QCWA Lapel Pin, gold plated, with call engraved, specify whether Clutch pin, safety-pin or screw button type, call engraved..... \$9.00*
(25, 30, 35, 40, 45, 50, 55, 60, 65, 70 and 75 year tags.
Pins without year tags are available

THE FOLLOWING SUPPLIES MAY BE PURCHASED BY QCWA MEMBERS:

QCWA gold-plated membership pins, plain, without year-tags specify whether: Tie-tac, safety-pin or screw button type \$9.00*

QCWA gold-plated membership pins, with year tags as follows: 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75, call engraved. Tie-tac only is available \$9.00*

QCWA LOGO on blazer patch, embroidered \$3.50*

450 Red QCWA membership stamps, regular \$2.75*

450 Gold QCWA Life Membership stamps \$3.75*

250 Yellow QCWA 50-Years in Amateur Radio Stamp \$2.00*

QCWA LOGO on rubber stamp \$5.00*

QCWA LOGO on window decal \$0.75*

QCWA LIFE MEMBER PIN, no calls engraved \$5.00*

QCWA LOGO on CAP, fits all \$5.00*

*Prices are for domestic members. International members add \$0.50 to accommodate higher postage rates.

QCWA BANNER, 30 x 48-inch, for individuals \$110.00

QCWA BANNER, 30 x 48-inch, for Chapters, QCWA shares cost \$50.00

ORDER BLANK

To QCWA HEADQUARTERS
1409 Cooper Dr,
Irving, TX 75061-5527

Date _____

Please send the following supplies:

_____, \$ _____
_____, \$ _____
_____, \$ _____
_____, \$ _____

Ship to:

Name _____	Call _____	QCWA No. _____
No. & Street _____	City _____	State _____ Zip _____

NOTE THAT SUPPLIES MAY NOT BE ISSUED TO INELIGIBLE MEMBERS....50-YEAR PINS MAY BE ONLY ISSUED TO MEMBERS WHO WERE LICENSED AT LEAST 40 YEARS PREVIOUSLY, AND SO ON.

WANTED: National MCS Speaker, National FB7, National HRO-500, Squires-Sanders SS-1R receiver, National Catalogs and literature

Steve Barnes, K6PFW
848 N. Silverwood
Upland, CA 91786


QCWA, INC
1409 Cooper Dr
Irving, TX 75061-5527

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ALL CHAPTER MATERIAL WAS USED IN THIS EDITION OF QCWA NEWS. DEADLINE FOR NEWS FOR FALL EDITION IS JULY 20, 1987. HAVE YOUR MATERIAL PREPARED AND SEND IT IN AS SOON AS POSSIBLE TO INSURE PUBLICATION!

This Journal provided by Chapter 31